

# LES 12 TRAVAUX D'HERCULE

## Objectifs :

- ✓ Les longueurs : Connaître les unités de mesure : m, km, cm, dm
- ✓ La géométrie : Reconnaître des angles droits
- ✓ La géométrie : Identifier le nombre de côtés et de sommets d'un polygone
- ✓ La géométrie : Identifier le nombre de faces, d'arêtes et de sommets d'un solide
- ✓ Les masses : Connaître les unités de mesure : kg, g
- ✓ Les heures : Connaître la correspondance « heures du matin » vs « heures de l'après-midi » / Connaître le lien entre heures et minutes

## Règle du jeu :

Chaque élève dispose d'une planche de jeu de 12 cases : une pour chaque travaux d'Hercule.

A tour de rôle, un élève tire une carte, donne la réponse. S'il réussit, il pose sa carte sur la case correspondante (le bon travail d'Hercule).

## Pour l'impression du jeu :


Imprimer les planches en A5 (autant de fois que d'élèves dans le groupe). Imprimer les cartes en recto-verso

## A quel moment faire ce jeu ?

En période 3 du CE2, au moment où toutes les notions de grandeurs et mesures ont déjà été vues une première fois et séparément. Il s'agit d'un travail de révision.


# MA PLANCHE DE JEU : LES 12 TRAVAUX D'HERCULE

TRAVAIL I  
LE LION  
DE NÉMÉE [TEXTE >](#)




A muscular man in a white loincloth is wrestling a large, orange lion. The man is on the left, leaning against the lion's front legs. The lion is on the right, facing the man. The background is black.

TRAVAIL II  
L'HYDRE  
DE LERNE [TEXTE >](#)




A muscular man in a white loincloth is slaying a multi-headed serpent. The man is on the left, holding a sword. The serpent is on the right, with its heads raised. The background is black.

TRAVAIL III  
LA BICHE  
DE CYRÉNÉE [TEXTE >](#)




A muscular man in a white loincloth is holding a large, white, spotted deer. The man is on the right, holding the deer by its antlers. The deer is on the left, facing the man. The background is black.

TRAVAIL IV  
LE SANGLIER  
D'ERYMANTHE [TEXTE >](#)




A muscular man in a white loincloth is holding a large, brown boar. The man is on the right, holding the boar by its tusks. The boar is on the left, facing the man. The background is black.

TRAVAIL V  
LES ÉCURIES  
D'AUGIAS [TEXTE >](#)




A muscular man in a white loincloth is holding a large, white, striped cloth. The man is on the left, holding the cloth up. The background is black.

TRAVAIL VI  
LES OISEAUX  
DE STYMPHALE [TEXTE >](#)




A muscular man in a white loincloth is slaying a large, brown, winged creature. The man is on the left, holding a sword. The creature is on the right, facing the man. The background is black.

TRAVAIL VII  
LE TAUREAU  
DE CRÈTE [TEXTE >](#)




A muscular man in a white loincloth is wrestling a large, brown bull. The man is on the right, leaning against the bull's front legs. The bull is on the left, facing the man. The background is black.

TRAVAIL VIII  
LES JUMENTS  
DE DIOMÈDE [TEXTE >](#)



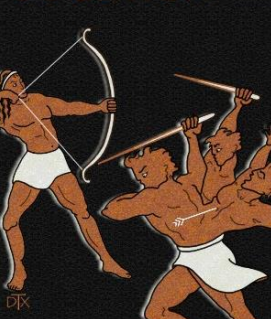
A muscular man in a white loincloth is slaying a large, brown, winged creature. The man is on the left, holding a sword. The creature is on the right, facing the man. The background is black.

TRAVAIL IX  
LA CEINTURE  
D'HIPPOLYTE [TEXTE >](#)




A muscular man in a white loincloth is holding a large, white, striped cloth. The man is on the left, holding the cloth up. The background is black.

TRAVAIL X  
LES BOEUFs  
DE GÉRYON [TEXTE >](#)



A muscular man in a white loincloth is slaying a large, brown, winged creature. The man is on the left, holding a sword. The creature is on the right, facing the man. The background is black.

TRAVAIL XI  
LES POMMES D'OR  
DES HESPERIDES [TEXTE >](#)



A muscular man in a white loincloth is holding a large, white, striped cloth. The man is on the left, holding the cloth up. The background is black.

TRAVAIL XII  
LE CERBÈRE [TEXTE >](#)



A muscular man in a white loincloth is slaying a large, white, multi-headed creature. The man is on the left, holding a sword. The creature is on the right, facing the man. The background is black.


# MA PLANCHE DE JEU : LES 12 TRAVAUX D'HERCULE

TRAVAIL I  
LE LION  
DE NÉMÉE [TEXTE >](#)



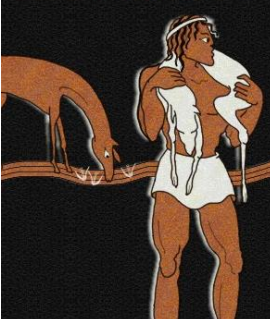
A muscular man in a white loincloth is wrestling a large, orange lion. The man is on the left, leaning against the lion's front legs. The lion is on the right, facing the man. The background is black.

TRAVAIL II  
L'HYDRE  
DE LERNE [TEXTE >](#)




Hercules is slaying the Lernaean Hydra. He is on the left, holding a sword. The Hydra is on the right, with multiple heads. The background is black.

TRAVAIL III  
LA BICHE  
DE CYRÉNÉE [TEXTE >](#)




Hercules is holding the Ceryneian Hind. He is on the right, holding the hind's head. The hind is on the left, facing Hercules. The background is black.

TRAVAIL IV  
LE SANGLIER  
D'ERYMANTHE [TEXTE >](#)




Hercules is holding the Erymanthian Boar. He is on the right, holding the boar's head. The boar is on the left, facing Hercules. The background is black.

TRAVAIL V  
LES ÉCURIES  
D'AUGIAS [TEXTE >](#)




Hercules is cleaning the Augean stables. He is on the left, holding a large white cloth. The stables are on the right, with a large pile of manure. The background is black.

TRAVAIL VI  
LES OISEAUX  
DE STYMPHALE [TEXTE >](#)




Hercules is slaying the Stymphalian Birds. He is on the left, holding a sword. The birds are on the right, with wings spread. The background is black.

TRAVAIL VII  
LE TAUREAU  
DE CRÈTE [TEXTE >](#)




Hercules is wrestling the Cretan Bull. He is on the right, holding the bull's head. The bull is on the left, facing Hercules. The background is black.

TRAVAIL VIII  
LES JUMENTS  
DE DIOMÈDE [TEXTE >](#)



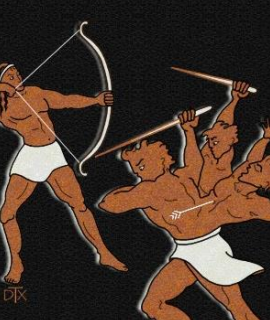
Hercules is slaying the Chimaera. He is on the left, holding a sword. The Chimaera is on the right, with a lion's head and a dragon's tail. The background is black.

TRAVAIL IX  
LA CEINTURE  
D'HIPPOLYTE [TEXTE >](#)




Hercules is holding the Girdle of Hippolyta. He is on the left, holding the girdle. Hippolyta is on the right, with a white horse. The background is black.

TRAVAIL X  
LES BOEUFs  
DE GÉRYON [TEXTE >](#)



Hercules is slaying the Geryonians. He is on the left, holding a bow. The Geryonians are on the right, with three heads. The background is black.

TRAVAIL XI  
LES POMMES D'OR  
DES HÉSPÉRIDES [TEXTE >](#)



Hercules is holding the Golden Apples. He is on the left, holding the apples. The Hesperides are on the right, with three heads. The background is black.

TRAVAIL XII  
LE CERBÈRE [TEXTE >](#)



Hercules is slaying Cerberus. He is on the left, holding a sword. Cerberus is on the right, with three heads. The background is black.

$10 \text{ cm} = ? \text{ dm}$

$15 \text{ cm} = \dots \text{ dm}$   
 $\text{et } \dots \text{ cm}$

$23 \text{ cm} = \dots \text{ dm}$   
 $\text{et } \dots \text{ cm}$

$35 \text{ cm} = \dots \text{ dm}$   
 $\text{et } \dots \text{ cm}$

$28 \text{ dm} = \dots \text{ dm}$   
 $\text{et } \dots \text{ cm}$

$74 \text{ cm} = \dots \text{ dm}$   
 $\text{et } \dots \text{ cm}$

$39 \text{ cm} = \dots \text{ dm}$   
 $\text{et } \dots \text{ cm}$

$97 \text{ cm} = \dots \text{ dm}$   
 $\text{et } \dots \text{ cm}$

$84 \text{ cm} = \dots \text{ dm}$   
 $\text{et } \dots \text{ cm}$

$57 \text{ cm} = \dots \text{ dm}$   
 $\text{et } \dots \text{ cm}$

$5 \text{ dm et } 3 \text{ cm}$   
 $= ?$

$6 \text{ dm et } 5 \text{ cm}$   
 $= ?$

$3 \text{ dm et } 8 \text{ cm}$   
 $= ?$

$8 \text{ dm et } 4 \text{ cm}$   
 $= ?$

$1 \text{ dm et } 7 \text{ cm}$   
 $= ?$

$4 \text{ dm et } 9 \text{ cm}$   
 $= ?$

$3 \text{ dm et } 7 \text{ cm}$   
 $= ?$

$6 \text{ dm et } 4 \text{ cm}$   
 $= ?$

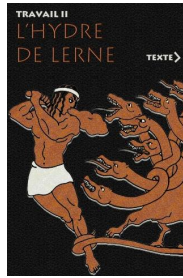
$5 \text{ dm et } 2 \text{ cm}$   
 $= ?$

$2 \text{ dm et } 9 \text{ cm}$   
 $= ?$

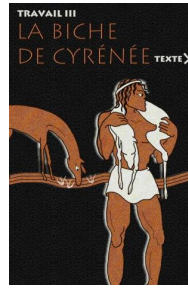
2 dm et 8 cm



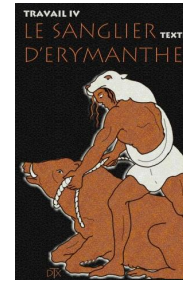
3 dm et 5 cm



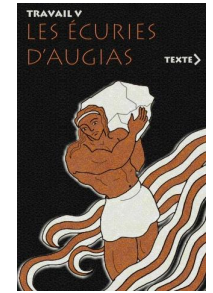
2 dm et 3 cm



1 dm et 5 cm



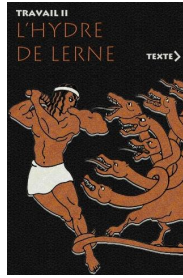
1 dm



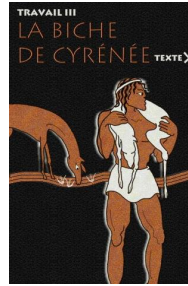
5 dm et 7 cm



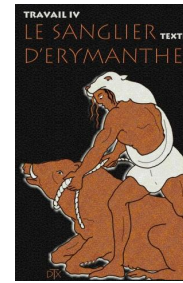
8 dm et 4 cm



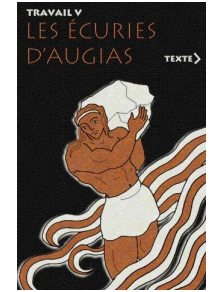
9 dm et 7 cm



3 dm et 9 cm



7 dm et 4 cm



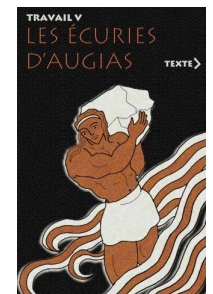
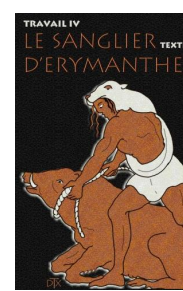
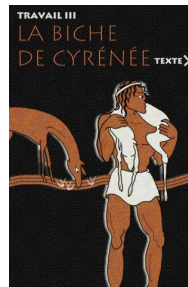
17 cm

84 cm

38 cm

65 cm

53 cm



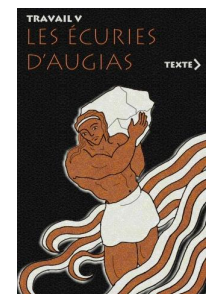
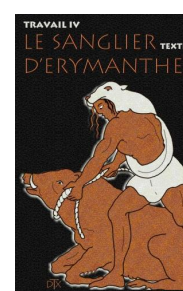
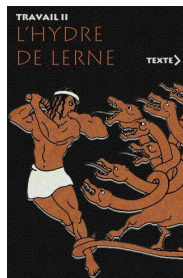
29 cm

52 cm

64 cm

37 cm

49 cm



$$1 \text{ m} = \dots \text{ cm}$$

$$1 \text{ m } 24 \text{ cm} = \dots \\ \text{cm}$$

$$1 \text{ m } 36 \text{ cm} = \dots \\ \text{cm}$$

$$1 \text{ m } 12 \text{ cm} = \dots \\ \text{cm}$$

$$1 \text{ m } 18 \text{ cm} = \dots \\ \text{cm}$$

$$3 \text{ m } 51 \text{ cm} = \dots \\ \text{cm}$$

$$2 \text{ m et } 15 \text{ cm} = \\ \dots \text{ cm}$$

$$2 \text{ m et } 87 \text{ cm} = \\ \dots \text{ cm}$$

$$5 \text{ m } 12 \text{ cm} = \dots \\ \text{cm}$$

$$3 \text{ m } 13 \text{ cm} = \dots \\ \text{cm}$$

$$345 \text{ cm} = \dots \text{ m} \\ \dots \text{ cm}$$

$$254 \text{ cm} = \dots \text{ m} \\ \dots \text{ cm}$$

$$124 \text{ cm} = \dots \text{ m } \dots \\ \text{cm}$$

$$254 \text{ cm} = \\ \dots \text{ m } \dots \text{ cm}$$

$$186 \text{ cm} = \\ \dots \text{ m } \dots \text{ cm}$$

$$534 \text{ cm} = \dots \text{ m} \\ \dots \text{ cm}$$

$$745 \text{ cm} = \dots \text{ m} \\ \dots \text{ cm}$$

$$345 \text{ cm} = \dots \text{ m } \dots \\ \text{cm}$$

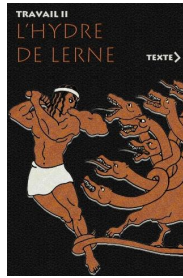
$$342 \text{ cm} = \dots \text{ m} \\ \dots \text{ cm}$$

$$542 \text{ cm} = \dots \text{ m} \\ \dots \text{ cm}$$

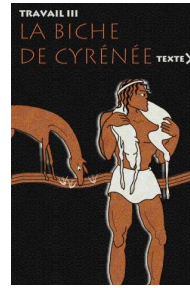
118 cm



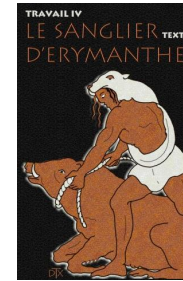
112 cm



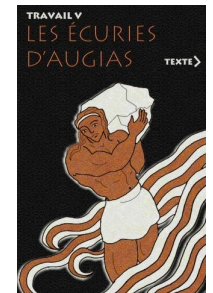
136 cm



124 cm



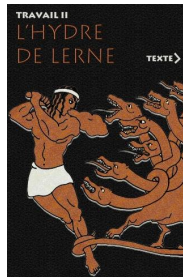
100 cm



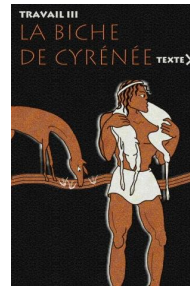
313 cm



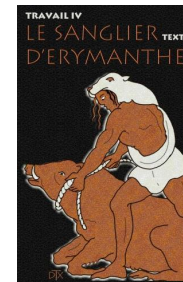
512 cm



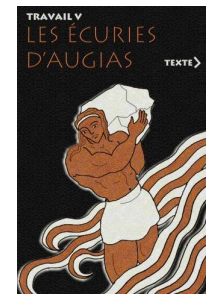
287 cm



215 cm



351 cm



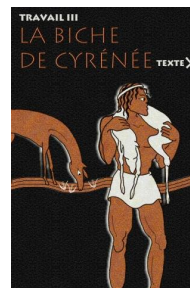
1 m 86 cm



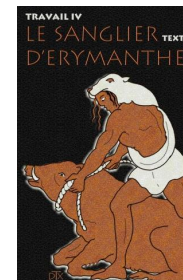
2 m 54 cm



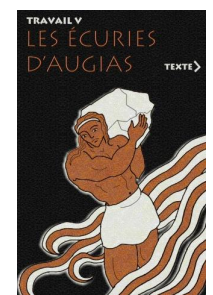
1 m 24 cm



2 m 54 cm



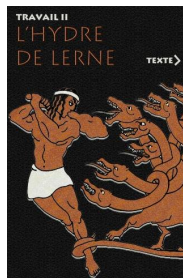
3 m 45 cm



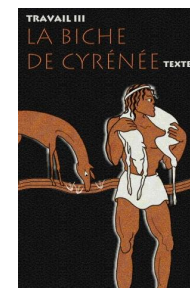
5 m 42 cm



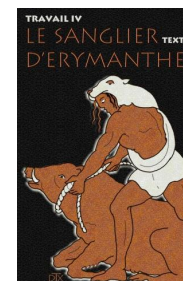
3 m 42 cm



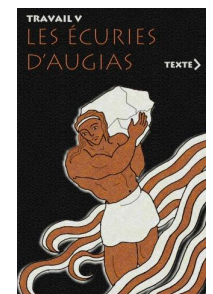
3 m 45 cm



7 m 45 cm



5 m 34 cm



$$3 \text{ km } 100 \text{ m} \\ = ? \text{ m}$$

$$4800 \text{ m} = \dots \text{ km} \\ \dots \text{ m}$$

$$8 \text{ km } 200 \text{ m} \\ = ? \text{ m}$$

$$1900 \text{ m} = \dots \text{ km} \\ \dots \text{ m}$$

$$2 \text{ km } 700 \text{ m} \\ = ? \text{ m}$$

$$3100 \text{ m} = \dots \text{ km} \\ \dots \text{ m}$$

$$4 \text{ km } 400 \text{ m} \\ = ? \text{ m}$$

$$6300 \text{ m} = \dots \text{ km} \\ \dots \text{ m}$$

$$3 \text{ km } 800 \text{ m} \\ = ? \text{ m}$$

$$9100 \text{ m} = \dots \text{ km} \\ \dots \text{ m}$$

$$4 \text{ km } 100 \text{ m} \\ = ? \text{ m}$$

$$3300 \text{ m} = \\ \dots \text{ km } \dots \text{ m}$$

$$5 \text{ km } 300 \text{ m} \\ = ? \text{ m}$$

$$1300 \text{ m} = \dots \text{ km} \\ \dots \text{ m}$$

$$3 \text{ km } 200 \text{ m} \\ = ? \text{ m}$$

$$4600 \text{ m} = \\ \dots \text{ km } \dots \text{ m}$$

$$7 \text{ km } 800 \text{ m} \\ = ? \text{ m}$$

$$7300 \text{ m} = \dots \text{ km} \\ \dots \text{ m}$$

$$5 \text{ km } 200 \text{ m} \\ = ? \text{ m}$$

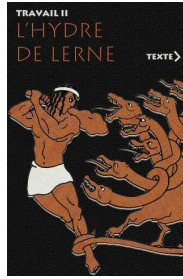
$$8700 \text{ m} = \dots \text{ km} \\ \dots \text{ m}$$



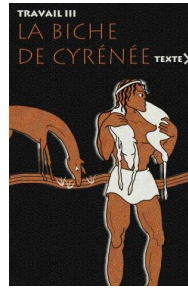
2700 m



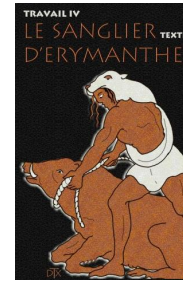
1 km 900 m



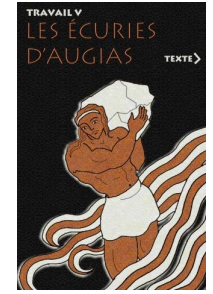
8200 m



4 km 800 m



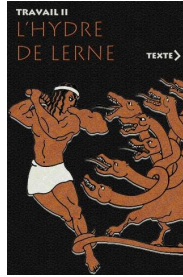
3100 m



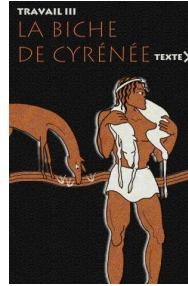
9 km 100 m



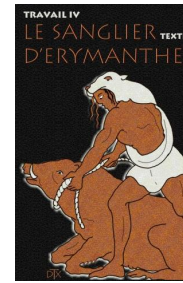
3800 m



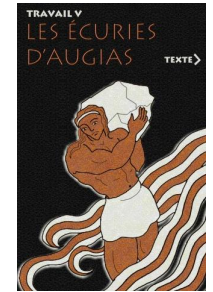
6 km 300 m



4400 m



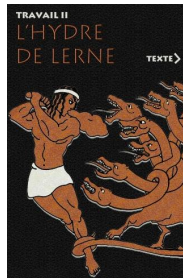
3 km 100 m



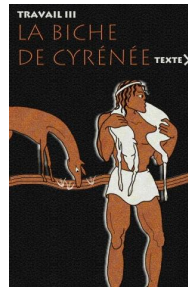
3200 m



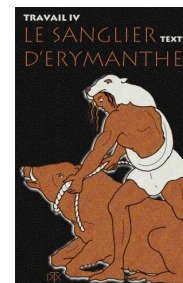
1 km 300 m



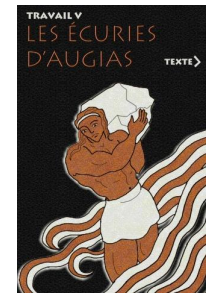
5300 m



3 km 300 m



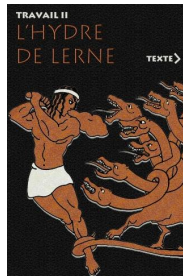
4100 m



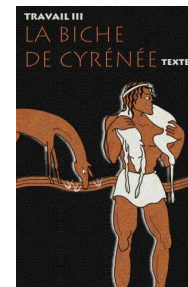
8 km 700 m



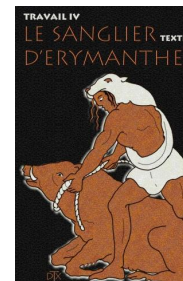
5200 m



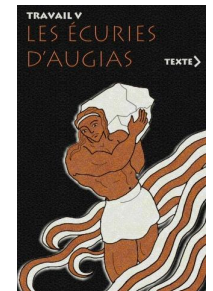
7 km 300 m



7800 m



4 km 600 m



|   |  |  |                                       |   |
|---|--|--|---------------------------------------|---|
| Le banc mesure 2 m ou 2 cm ?                      | Un pas fait 65 m ou 65 cm ?                          | Un crayon mesure 16 m ou 16 cm ?                 | Un crocodile mesure 40 m ou 4 m ?     | Une maison mesure 8m ou 8 cm ?  |
| Un arbre fait 3 m ou 3 cm ?                       | Un dé fait 20 cm ou 2 cm ?                           | Un cornet de glace fait 1 m ou 20 cm ?           | Un violoncelle fait 1 m ou 1 cm ?     | Un piano fait 40 cm ou 4 m ?  |
| Une fenêtre mesure 50 cm de haut ou 1 m de haut ? | Une boîte de mouchoir fait 20 cm de long ou 70 cm de | Le portail fait 30 cm de large ou 1 m de large ? | Le passage piéton fait 50 cm ou 5 m ? | Un adulte fait 180 cm ou 120 cm ?   |
| Le tableau fait 1 m, 1 cm ou 1 km ?               | Une abeille fait 1 cm, 1 m ou 1 km ?                 | Entre deux villages, il y a 1 cm, 1 m ou 1 km ?  | Un bâton fait 1 m, 1 cm ou 1 km ?     | Angle droit ou non ?<br> |

8 m



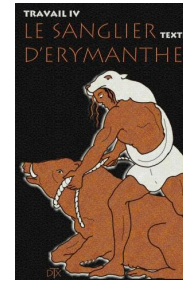
4 m



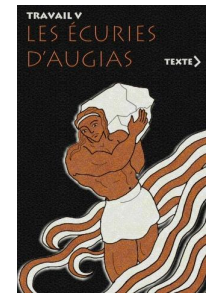
16 cm



65 cm



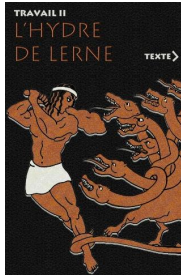
2 m



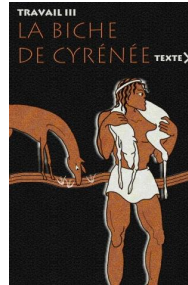
4 m



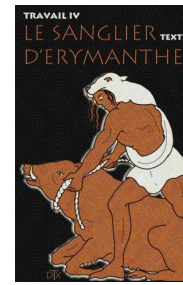
1 m



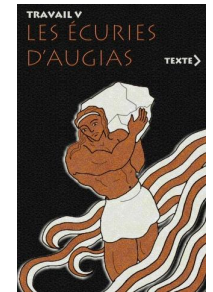
20 cm



2 cm



3 m



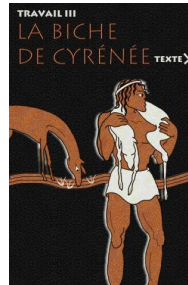
180 m



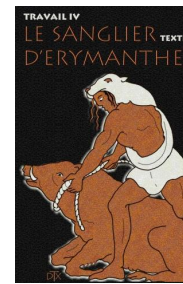
5 m



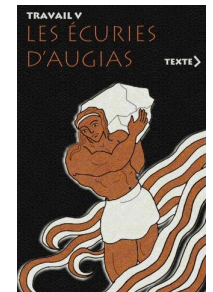
1 m



2 cm



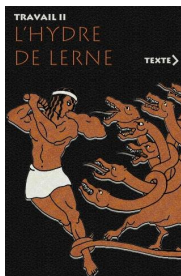
1 m



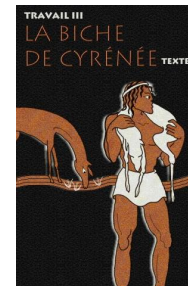
Non



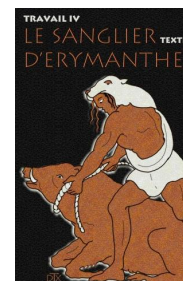
1 m



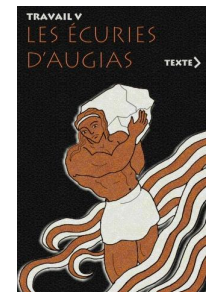
1 km



1 cm



1 m



Angle droit ou non ?



Angle droit ou non ?



Angle droit ou non ?



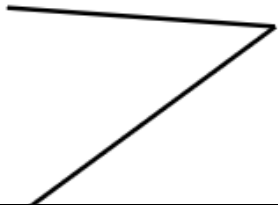
Angle droit ou non ?



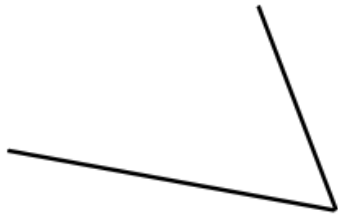
Angle droit ou non ?



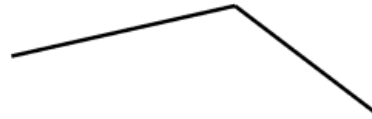
Angle droit ou non ?



Angle droit ou non ?



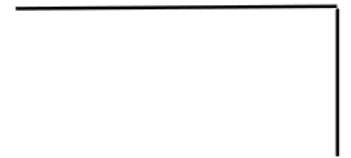
Angle droit ou non ?



Angle droit ou non ?



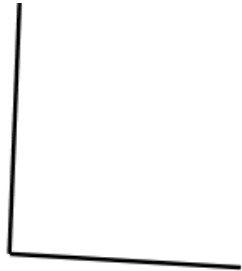
Angle droit ou non ?



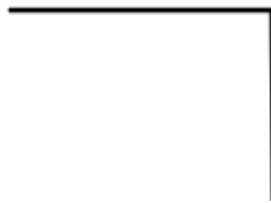
Angle droit ou non ?



Angle droit ou non ?



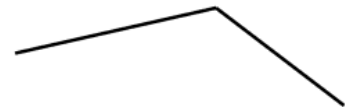
Angle droit ou non ?



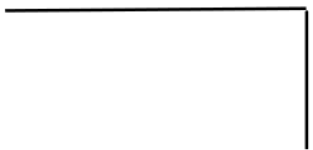
Angle droit ou non ?



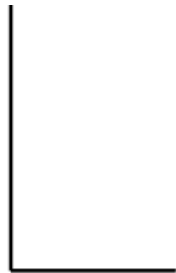
Angle droit ou non ?



Angle droit ou non ?



Angle droit ou non ?



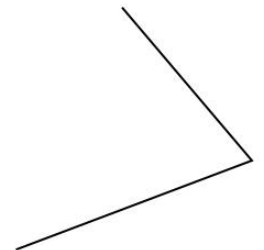
Angle droit ou non ?



Angle droit ou non ?



Angle droit ou non ?



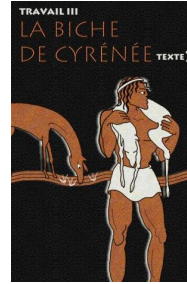
Oui



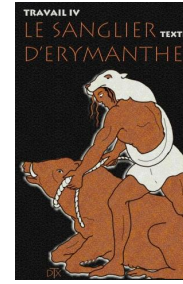
Oui



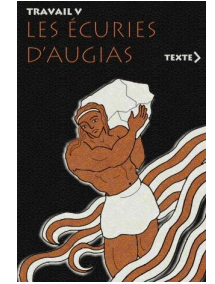
Oui



Oui



Oui



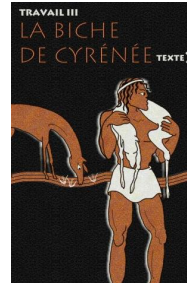
Oui



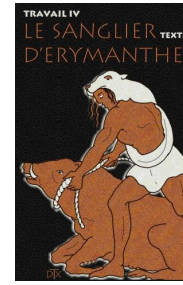
Non



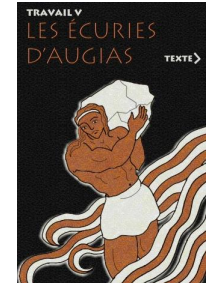
Non



Non



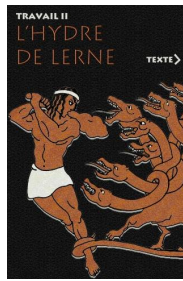
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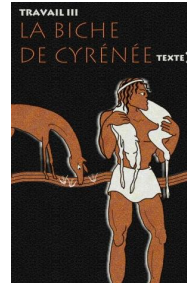
Non



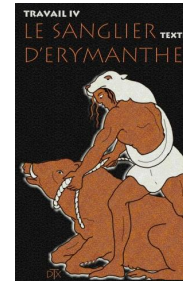
Non



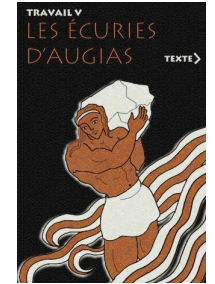
Oui



Oui



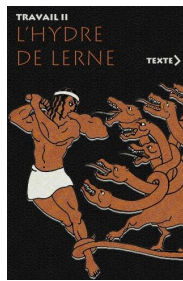
Non



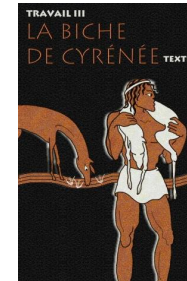
Non



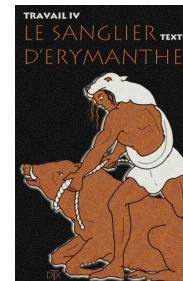
Non



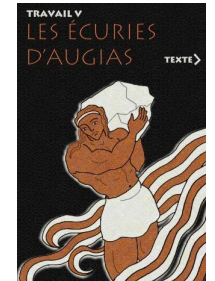
Non



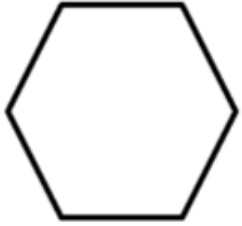
Oui



Oui



Combien de côtés ?



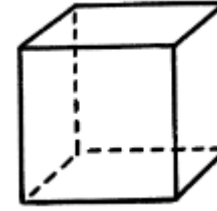
Combien de sommets ?



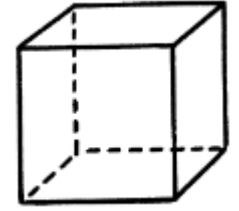
Combien d'angles ?



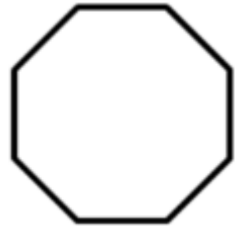
Combien de faces ?



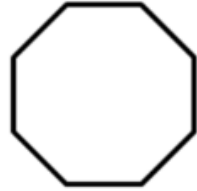
Combien d'arêtes ?



Combien de côtés ?



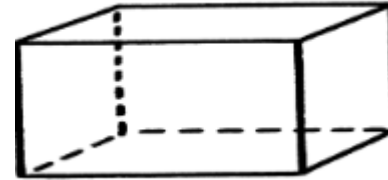
Combien de sommets ?



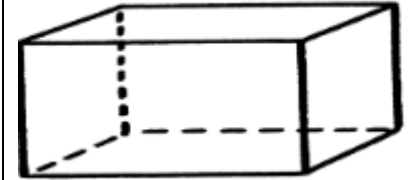
Combien d'angles ?



Combien de faces ?



Combien d'arêtes ?



Combien de côtés ?



Combien de sommets ?



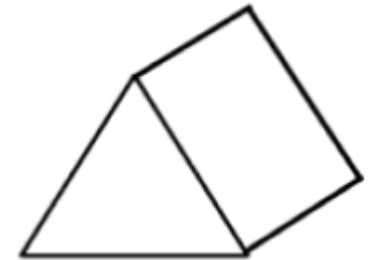
Combien d'angles ?



Combien de faces ?



Combien d'arêtes ?



Combien de côtés ?



Combien de sommets ?



Combien d'angles ?



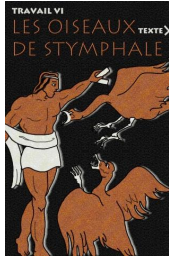
Combien de faces ?



Combien d'arêtes ?



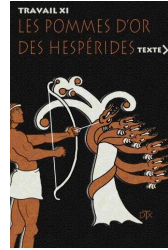
12



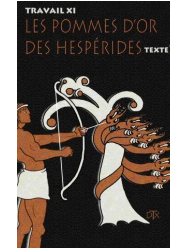
6



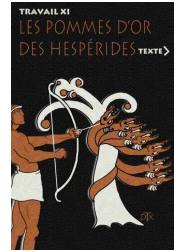
6



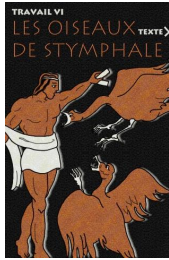
6



6



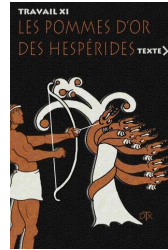
12



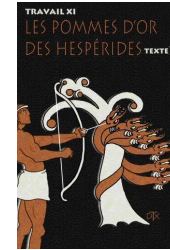
6



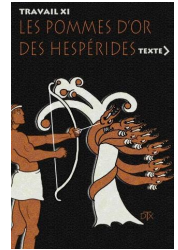
8



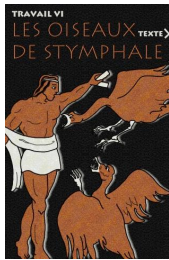
8



8



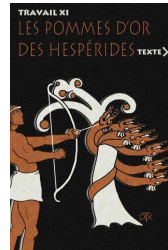
8



5



4



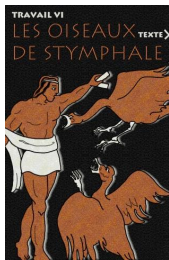
4



4



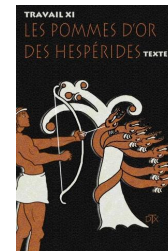
8



5



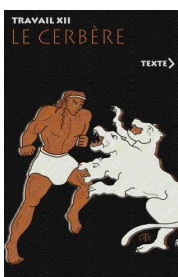
5



5



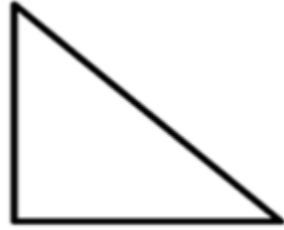
5



Polygones ou non ?



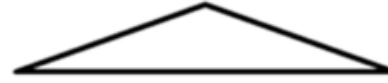
Polygones ou non ?



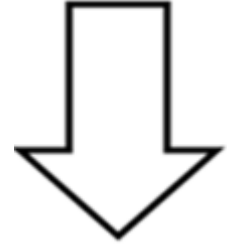
Polygones ou non ?



Polygones ou non ?



Polygones ou non ?



Polygones ou non ?



Polygones ou non ?



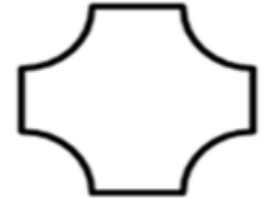
Polygones ou non ?



Polygones ou non ?



Polygones ou non ?



Combien de côtés ?



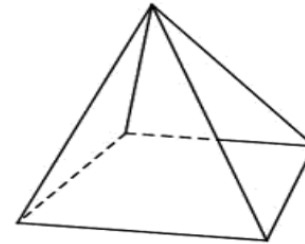
Combien de sommets ?



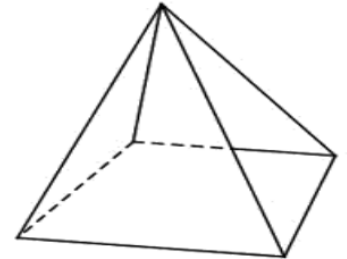
Combien d'angles ?



Combien de faces ?



Combien d'arêtes ?



Combien de côtés ?



Combien de sommets ?



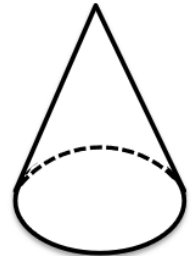
Combien d'angles ?



Combien de faces ?

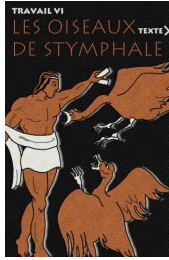


Combien d'arêtes ?





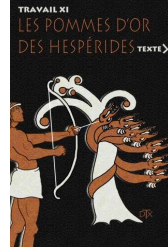
Oui



Oui



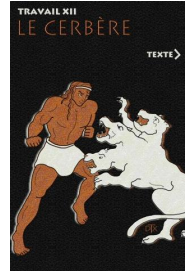
Oui



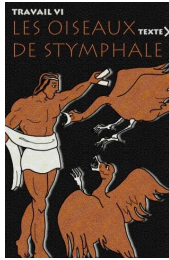
Oui



Oui



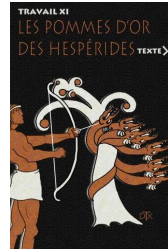
Non



Non



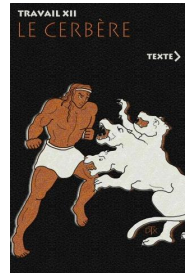
Non



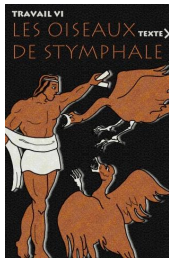
Non



Non



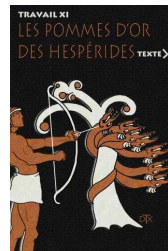
8



5



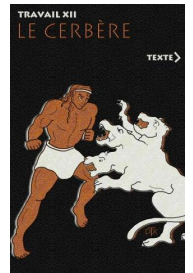
3



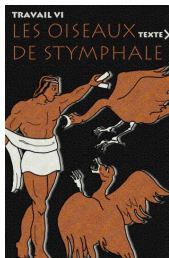
3



3



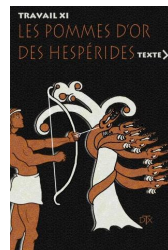
2



2



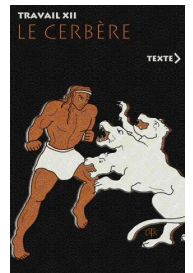
4



4



4



$$3 \text{ kg} = ? \text{ g}$$

$$1500 \text{ g} = \dots \\ \text{kg} \dots \text{g}$$

$$2 \text{ kg } 180 \text{ g} \\ = ? \text{ g}$$

$$1240 \text{ g} = \dots \\ \text{kg} \dots \text{g}$$

$$2800 \text{ g} = \dots \\ \text{kg} \dots \text{g}$$

$$5 \text{ kg} = ? \text{ g}$$

$$7 \text{ kg } 200 \text{ g} \\ = ? \text{ g}$$

$$1300 \text{ g} = \dots \\ \text{kg} \dots \text{g}$$

$$6 \text{ kg } 140 \text{ g} \\ = ? \text{ g}$$

$$2310 \text{ g} = \dots \\ \text{kg} \dots \text{g}$$

$$5400 \text{ g} = \\ \dots \text{ kg} \dots \text{ g}$$

$$2 \text{ kg} = ? \text{ g}$$

$$4 \text{ kg } 300 \text{ g} \\ = ? \text{ g}$$

$$1700 \text{ g} = \dots \\ \text{kg} \dots \text{g}$$

$$1 \text{ kg } 170 \text{ g} \\ = ? \text{ g}$$

$$1370 \text{ g} = \dots \\ \text{kg} \dots \text{g}$$

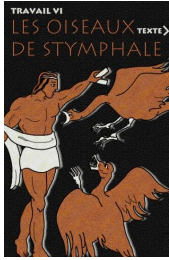
$$2200 \text{ g} = \dots \\ \text{kg} \dots \text{g}$$

$$8 \text{ kg} = ? \text{ g}$$

$$5 \text{ kg } 600 \text{ g} \\ = ? \text{ g}$$

$$1500 \text{ g} = \dots \\ \text{kg} \dots \text{g}$$

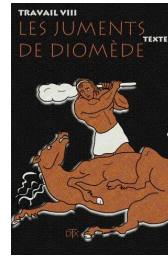
2 kg 800 g



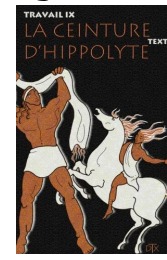
1 kg 240 g



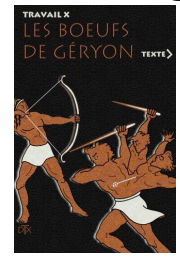
2180 g



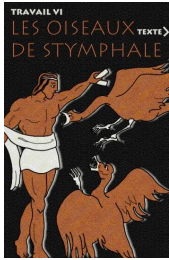
1 kg 500 g



3000 g



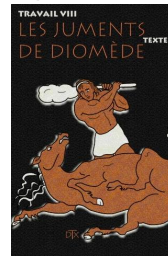
2 kg 310 g



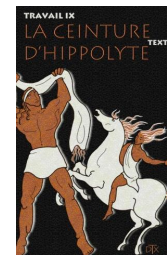
6140 g



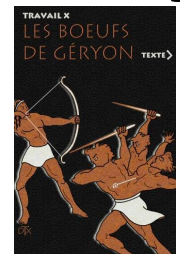
1 kg 300 g



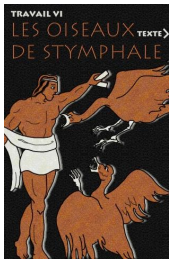
7200 g



5000 g



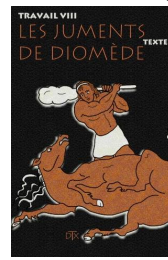
1170 g



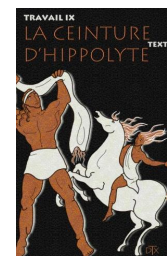
1 kg 700 g



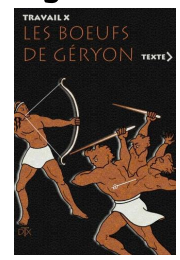
4300 g



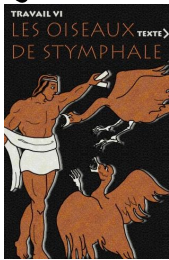
2000 g



5 kg 400 g



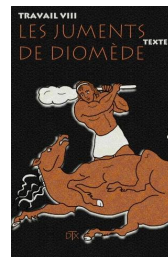
1 kg 500 g



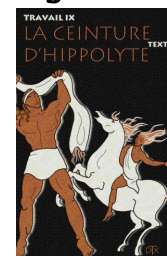
5600 g



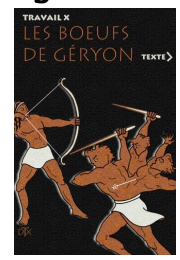
8000 g



2 kg 200 g

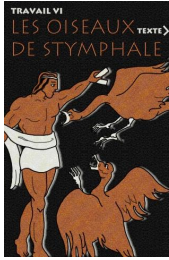


1 kg 370 g

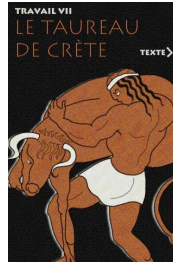


|                         |                        |                        |                       |                        |
|-------------------------|------------------------|------------------------|-----------------------|------------------------|
| 1 h 15,<br>l'après-midi | 2h 30,<br>l'après-midi | 3h 45,<br>l'après-midi | 4h, l'après-<br>midi  | 5h15, l'après-<br>midi |
| 6h30, le<br>soir        | 7h45, le soir          | 8h, le soir            | 9h15, le soir         | 10h30, le<br>soir      |
| 11h45, le soir          | 1h30,<br>l'après-midi, | 2h45, l'après-<br>midi | 3h30,<br>l'après-midi | 4h15, l'après-<br>midi |
| 5h30,<br>l'après-midi   | 6h00, le<br>soir       | 7h15, le soir          | 8h30, le soir         | 9h45, le soir          |

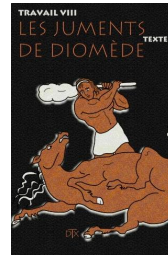
17h15



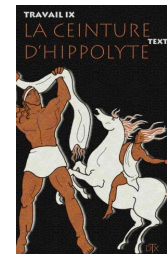
16h



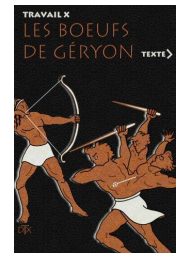
15h45



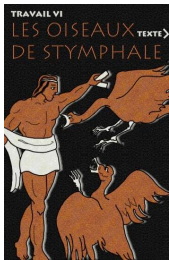
14h30



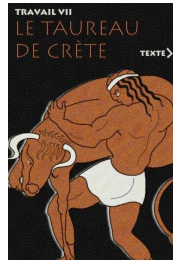
13h15



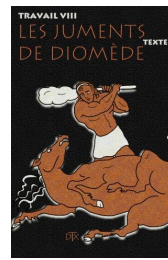
22h30



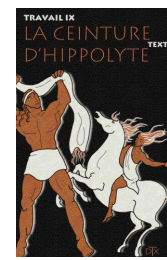
21h15



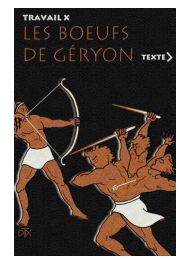
20h



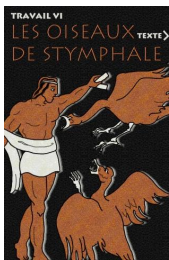
19h45



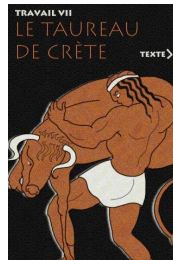
18h30



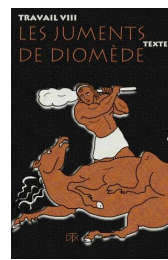
16h15



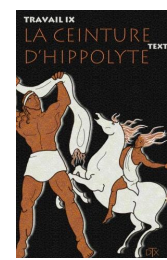
15h30



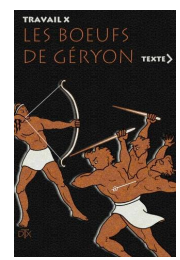
14h45



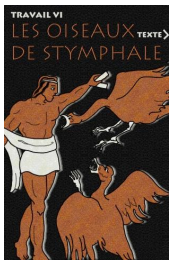
13h30



23h45



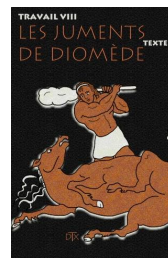
21h45



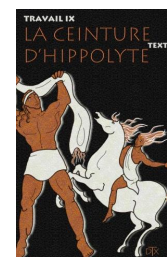
20h30



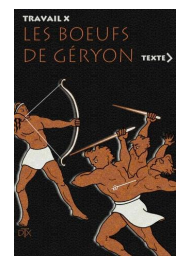
19h15



18h

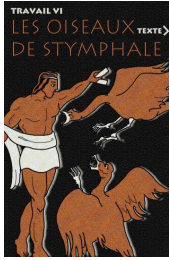


17h30

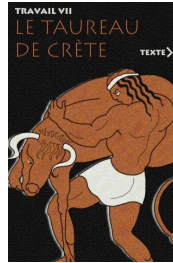


|                       |                         |                         |                        |                        |
|-----------------------|-------------------------|-------------------------|------------------------|------------------------|
| 10 h 15, le<br>soir   | 11h 30,<br>l'après-midi | 1h 45, l'après-<br>midi | 2h, l'après-<br>midi   | 3h15, l'après-<br>midi |
| 4h30, le<br>soir      | 5h45, le soir           | 6h15, le soir           | 7h15, le soir          | 8h30, le<br>soir       |
| 9h45, le<br>soir      | 10h45, le<br>soir       | 11h15, le soir          | 3h10, l'après-<br>midi | 4h25,<br>l'après-midi  |
| 5h40,<br>l'après-midi | 6h05, le<br>soir        | 7h05, le soir           | 8h35, le soir          | 9h55, le soir          |

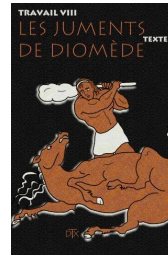
15h15



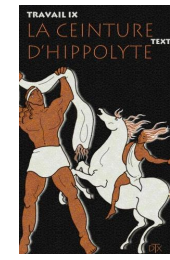
14h



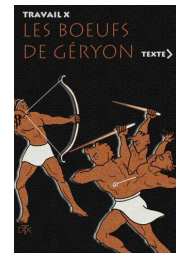
13h45



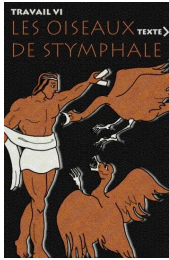
23h30



22h15



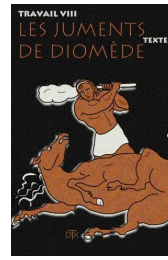
20h30



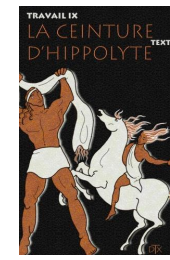
19h15



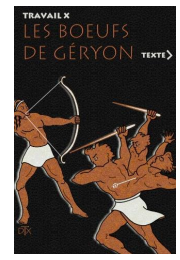
18h15



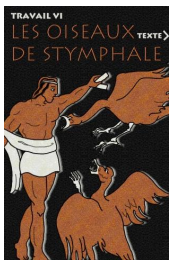
17h45



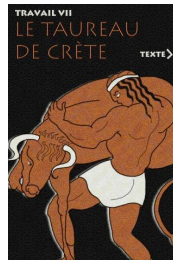
16h30



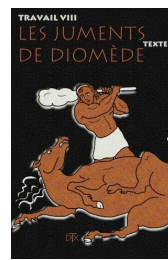
16h25



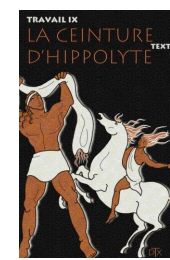
15h10



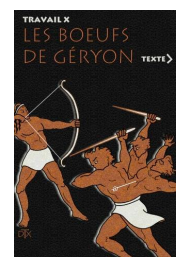
23h15



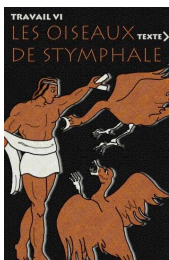
22h45



21h45



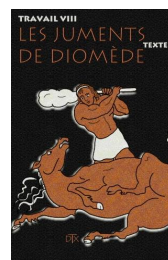
17h40



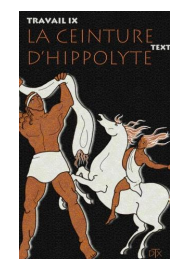
19h05



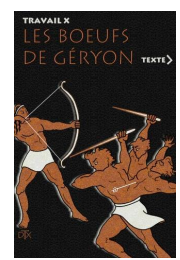
19h05



20h35



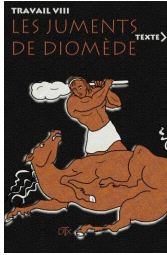
21h55



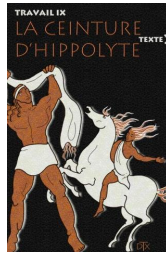
|                   |                   |                   |                   |                   |
|-------------------|-------------------|-------------------|-------------------|-------------------|
| 1h = ? min        | 2 h = ? min       | 3h = ? min        | 4 h = ? min       | 5 h = ? min       |
| 6 = ? min         | 7 = ? min         | 1 h 15 = ?<br>min | 2 h 15 = ?<br>min | 3 h 15 = ?<br>min |
| 4 h 15 = ?<br>min | 5 h 15 = ?<br>min | 1 h 30 = ?<br>min | 2 h 30 = ?<br>min | 3 h 30 = ?<br>min |
| 4 h 30 = ?<br>min | 5 h 30 = ?<br>min | 1 h 45 = ?<br>min | 2 h 45 = ?<br>min | 3 h 45 = ?<br>min |



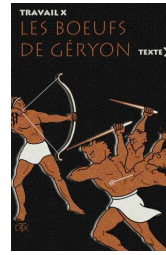
300 min



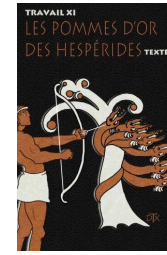
240 min



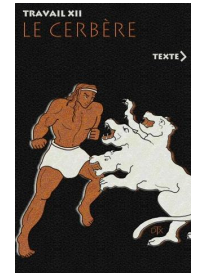
180 min



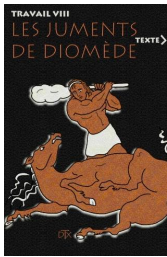
120 min



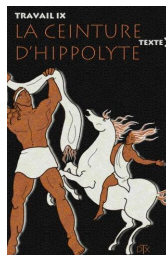
60 min



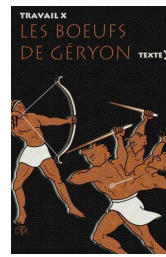
195 min



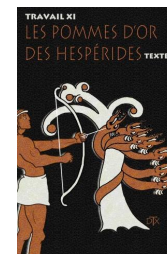
135 min



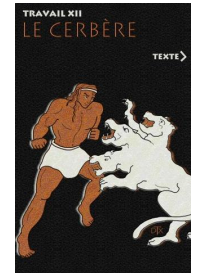
75 min



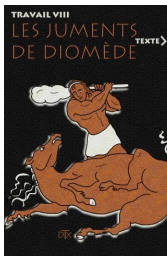
420 min



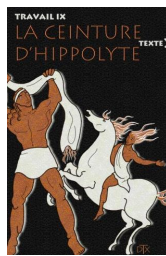
360 min



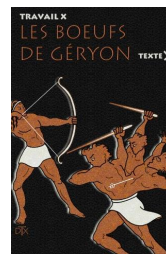
210 min



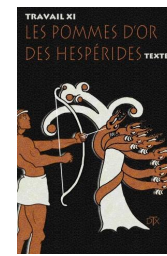
150 min



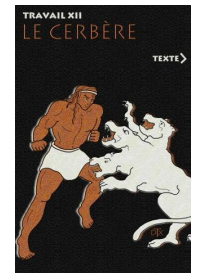
90 min



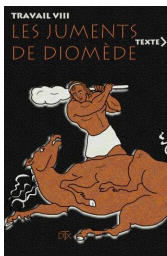
315 min



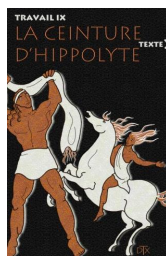
255 min



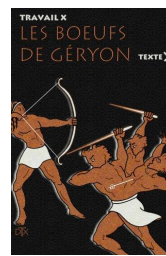
225 min



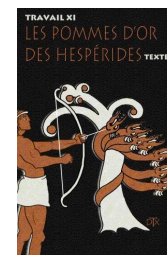
165 min



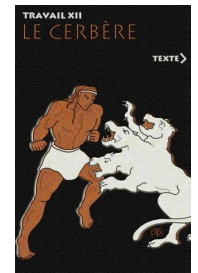
105 min



330 min



270 min



4 h 45 = ?

min

5 h 45 = ?

min

1 h 10 = ?

min

2 h 10 = ?

min

3 h 10 = ?

min

4 h 10 = ?

min

5 h 10 = ?

min

1 h 20 = ?

min

2 h 20 = ?

min

3 h 20 = ?

min

4 h 20 = ?

min

5 h 20 = ?

min

1 h 40 = ?

min

2 h 40 = ?

min

3 h 40 = ?

min

4 h 40 = ?

min

5 h 40 = ?

min

1 h 50 = ?

min

2 h 50 = ?

min

3 h 50 = ?

min

