



Prénom : \_\_\_\_\_

Date : \_\_\_\_\_

**Nombres et calculs : Multiplication**

CM2

Fiche d'exercices n° 13

**Multiplier des nombre entiers****Exercice 1** : Observe l'exemple. Continue les calculs.

$$18 \times 5 = (10 \times 5) + (8 \times 5) = 50 + 40 = \underline{\hspace{2cm}}$$

$$13 \times 6 = (\underline{\hspace{1cm}} \times \underline{\hspace{1cm}}) + (\underline{\hspace{1cm}} \times \underline{\hspace{1cm}}) = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{2cm}}$$

$$37 \times 3 = (\underline{\hspace{1cm}} \times \underline{\hspace{1cm}}) + (\underline{\hspace{1cm}} \times \underline{\hspace{1cm}}) = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{2cm}}$$

**Exercice 2** : Observe l'exemple. Continue les calculs.

$$354 \times 3 = (300 \times 3) + (50 \times 3) + (4 \times 3) = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{2cm}}$$

$$684 \times 6 = \underline{\hspace{4cm}}$$

**Exercice 3** : Effectue les calculs en décomposant.

$$286 \times 32 = (286 \times 30) + (286 \times 2) = \underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{3cm}}$$

$$354 \times 18 = \underline{\hspace{4cm}}$$

$$273 \times 124 = \underline{\hspace{4cm}}$$

**Exercice 4** : Écris les multiplications qui correspondent à ces décompositions.

$$(100 \times 355) + (80 \times 355) + (7 \times 355) = \underline{\hspace{2cm}}$$

$$(400 \times 937) + (50 \times 937) + (6 \times 937) = \underline{\hspace{2cm}}$$

$$(600 \times 6\,708) + (9 \times 6\,708) = \underline{\hspace{2cm}}$$

$$(3\,400 \times 5) + (300 \times 3\,400) + (3\,400 \times 20) = \underline{\hspace{2cm}}$$