

$643 : 5$

$723 : 3$



$846 : 6$

$937 : 4$



$738 : 7$

$829 : 3$



$$\begin{array}{r}
 7 \ 2 \ 3 \ | \ 3 \\
 - \ 6 \ \downarrow \ \downarrow \\
 \hline
 1 \ 2 \ \downarrow \\
 - \ 1 \ 2 \ \downarrow \\
 \hline
 0 \ 3 \\
 - \ 3 \\
 \hline
 0
 \end{array}$$

$$\begin{array}{r}
 6 \ 4 \ 3 \ | \ 5 \\
 - \ 5 \ \downarrow \ \downarrow \\
 \hline
 1 \ 4 \ \downarrow \\
 - \ 1 \ 0 \ \downarrow \\
 \hline
 4 \ 3 \\
 - \ 4 \ 0 \\
 \hline
 3
 \end{array}$$

$$\begin{array}{r}
 9 \ 3 \ 7 \ | \ 4 \\
 - \ 8 \ \downarrow \ \downarrow \\
 \hline
 1 \ 3 \ \downarrow \\
 - \ 1 \ 2 \ \downarrow \\
 \hline
 1 \ 7 \\
 - \ 1 \ 6 \\
 \hline
 1
 \end{array}$$

$$\begin{array}{r}
 8 \ 4 \ 6 \ | \ 6 \\
 - \ 6 \ \downarrow \ \downarrow \\
 \hline
 2 \ 4 \ \downarrow \\
 - \ 2 \ 4 \ \downarrow \\
 \hline
 0 \ 6 \\
 - \ 6 \\
 \hline
 0
 \end{array}$$

$$\begin{array}{r}
 8 \ 2 \ 9 \ | \ 3 \\
 - \ 6 \ \downarrow \ \downarrow \\
 \hline
 2 \ 2 \ \downarrow \\
 - \ 2 \ 1 \ \downarrow \\
 \hline
 1 \ 9 \\
 - \ 1 \ 8 \\
 \hline
 1
 \end{array}$$

$$\begin{array}{r}
 7 \ 3 \ 8 \ | \ 7 \\
 - \ 7 \ \downarrow \ \downarrow \\
 \hline
 0 \ 3 \ \downarrow \\
 - \ 0 \ \downarrow \\
 \hline
 3 \ 8 \\
 - \ 3 \ 5 \\
 \hline
 3
 \end{array}$$

$781 : 4$

$956 : 4$



$768 : 2$

$946 : 8$



$637 : 3$

$678 : 4$



$$\begin{array}{r}
 9 \ 5 \ 6 \ | \ 4 \\
 - \ 8 \ \downarrow \ \downarrow \\
 \hline
 1 \ 5 \ \downarrow \\
 - \ 1 \ 2 \ \downarrow \\
 \hline
 3 \ 6 \\
 - \ 3 \ 6 \\
 \hline
 0
 \end{array}
 \begin{array}{r}
 2 \ 3 \ 9 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 7 \ 8 \ 1 \ | \ 4 \\
 - \ 4 \ \downarrow \ \downarrow \\
 \hline
 3 \ 8 \ \downarrow \\
 - \ 3 \ 6 \ \downarrow \\
 \hline
 2 \ 1 \\
 - \ 2 \ 0 \\
 \hline
 1
 \end{array}
 \begin{array}{r}
 1 \ 9 \ 5 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 9 \ 4 \ 6 \ | \ 8 \\
 - \ 8 \ \downarrow \ \downarrow \\
 \hline
 1 \ 4 \ \downarrow \\
 - \ 8 \ \downarrow \\
 \hline
 6 \ 6 \\
 - \ 6 \ 4 \\
 \hline
 2
 \end{array}
 \begin{array}{r}
 1 \ 1 \ 8 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 7 \ 6 \ 8 \ | \ 2 \\
 - \ 6 \ \downarrow \ \downarrow \\
 \hline
 1 \ 6 \ \downarrow \\
 - \ 1 \ 6 \ \downarrow \\
 \hline
 0 \ 8 \\
 - \ 8 \\
 \hline
 0
 \end{array}
 \begin{array}{r}
 3 \ 8 \ 4 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 6 \ 7 \ 8 \ | \ 4 \\
 - \ 4 \ \downarrow \ \downarrow \\
 \hline
 2 \ 7 \ \downarrow \\
 - \ 2 \ 4 \ \downarrow \\
 \hline
 3 \ 8 \\
 - \ 3 \ 6 \\
 \hline
 2
 \end{array}
 \begin{array}{r}
 1 \ 6 \ 9 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 6 \ 3 \ 7 \ | \ 3 \\
 - \ 6 \ \downarrow \ \downarrow \\
 \hline
 0 \ 3 \ \downarrow \\
 - \ 3 \ \downarrow \\
 \hline
 0 \ 7 \\
 - \ 0 \ 6 \\
 \hline
 1
 \end{array}
 \begin{array}{r}
 2 \ 1 \ 2 \\
 \hline
 \end{array}$$

$6719 : 5$

$9438 : 7$



$6783 : 3$

$7364 : 4$



$5439 : 8$

$8352 : 6$



9	4	3	8	7
-	7	↓	↓	1
	2	4	↓	3
-	2	1	↓	4
	3	3	↓	8
-	2	8	↓	5
	5	8		2
-	5	6		
		2		

6	7	1	9	5
-	5	↓	↓	1
	1	7	↓	3
-	1	5	↓	4
	2	1	↓	3
-	2	0	↓	
	1	9		
-	1	5		
		4		

7	3	6	4	4
-	4	↓	↓	1
	3	3	↓	8
-	3	2	↓	4
	1	6	↓	1
-	1	6	↓	
	0	4		
-		4		
	0			

6	7	8	3	3
-	6	↓	↓	2
	0	7	↓	2
-		6	↓	6
	1	8	↓	1
-	1	8	↓	
	0	3		
-		3		
	0			

8	3	5	2	6
-	6	↓	↓	1
	2	3	↓	3
-	1	8	↓	9
	5	5	↓	2
-	5	4	↓	
	1	2		
-	1	2		
	0			

5	4	3	9	8
-	4	8	↓	6
	6	3	↓	7
-	5	6	↓	9
	7	9		
-	7	2		
	7			

7 643 : 2

8 372 : 6



8 076 : 9

6 397 : 7



9 582 : 4

7 368 : 8



$$\begin{array}{r}
 8 \ 3 \ 7 \ 2 \ | \ 6 \\
 - \ 6 \ \downarrow \ \downarrow \ \downarrow \\
 \hline
 2 \ 3 \ \downarrow \ \downarrow \\
 - \ 1 \ 8 \ \downarrow \ \downarrow \\
 \hline
 5 \ 7 \ \downarrow \\
 - \ 5 \ 4 \ \downarrow \\
 \hline
 3 \ 2 \\
 - \ 3 \ 0 \\
 \hline
 2
 \end{array}$$

$$\begin{array}{r}
 7 \ 6 \ 4 \ 3 \ | \ 2 \\
 - \ 6 \ \downarrow \ \downarrow \ \downarrow \\
 \hline
 1 \ 6 \ \downarrow \ \downarrow \\
 - \ 1 \ 6 \ \downarrow \ \downarrow \\
 \hline
 0 \ 4 \ \downarrow \\
 - \ 4 \ \downarrow \\
 \hline
 0 \ 3 \\
 - \ 2 \\
 \hline
 1
 \end{array}$$

$$\begin{array}{r}
 6 \ 3 \ 9 \ 7 \ | \ 7 \\
 - \ 6 \ 3 \ \downarrow \ \downarrow \\
 \hline
 0 \ 9 \ \downarrow \\
 - \ 7 \ \downarrow \\
 \hline
 2 \ 7 \\
 - \ 2 \ 1 \\
 \hline
 6
 \end{array}$$

$$\begin{array}{r}
 8 \ 0 \ 7 \ 6 \ | \ 9 \\
 - \ 7 \ 2 \ \downarrow \ \downarrow \\
 \hline
 8 \ 7 \ \downarrow \\
 - \ 8 \ 1 \ \downarrow \\
 \hline
 6 \ 6 \\
 - \ 6 \ 3 \\
 \hline
 3
 \end{array}$$

$$\begin{array}{r}
 7 \ 3 \ 6 \ 8 \ | \ 8 \\
 - \ 7 \ 2 \ \downarrow \ \downarrow \\
 \hline
 1 \ 6 \ \downarrow \\
 - \ 1 \ 6 \ \downarrow \\
 \hline
 0 \ 8 \\
 - \ 8 \\
 \hline
 0
 \end{array}$$

$$\begin{array}{r}
 9 \ 5 \ 8 \ 2 \ | \ 4 \\
 - \ 8 \ \downarrow \ \downarrow \ \downarrow \\
 \hline
 1 \ 5 \ \downarrow \ \downarrow \\
 - \ 1 \ 2 \ \downarrow \ \downarrow \\
 \hline
 3 \ 8 \ \downarrow \\
 - \ 3 \ 6 \ \downarrow \\
 \hline
 2 \ 2 \\
 - \ 2 \ 0 \\
 \hline
 2
 \end{array}$$

$6381 : 4$

$4657 : 3$



$6206 : 8$

$8309 : 6$



$5673 : 8$

$6480 : 5$



4	6	5	7	3
-	3	↓	↓	1
1	6	↓	↓	5
-	1	5	↓	5
	1	5	↓	2
	-	1	5	
		0	7	
	-		6	
			1	

6	3	8	1	4
-	4	↓	↓	1
2	3	↓	↓	5
-	2	0	↓	9
	3	8	↓	5
-	3	6	↓	
		2	1	
	-	2	0	
			1	

8	3	0	9	6
-	6	↓	↓	1
2	3	↓	↓	3
-	1	8	↓	8
	5	0	↓	4
-	4	8	↓	
		2	9	
	-	2	4	
			5	

6	2	0	6	8
-	5	6	↓	7
	6	0	↓	7
-	5	6	↓	5
		4	6	
	-	4	0	
			6	

6	4	8	0	5
-	5	↓	↓	1
1	4	↓	↓	2
-	1	0	↓	9
	4	8	↓	6
-	4	5	↓	
		3	0	
	-	3	0	
			0	

5	6	7	3	8
-	5	6	↓	7
	0	7	↓	0
-		0	↓	9
		7	3	
	-	7	2	
			1	

$$8617 : 12$$

$$6538 : 24$$



$$6793 : 15$$

$$9273 : 25$$



$$6828 : 30$$

$$9349 : 16$$



$$\begin{array}{r}
 \begin{array}{cccc|cc}
 6 & 5 & 3 & 8 & 2 & 4 \\
 - & 4 & 8 & \downarrow \downarrow & 2 & 7 & 2 \\
 \hline
 1 & 7 & 3 & \downarrow & & & \\
 - & 1 & 6 & 8 & \downarrow & & \\
 \hline
 & & 5 & 8 & & & \\
 & - & 4 & 8 & & & \\
 \hline
 & & 1 & 0 & & &
 \end{array}
 \end{array}$$

$$\begin{array}{r}
 \begin{array}{cccc|cc}
 8 & 6 & 1 & 7 & 1 & 2 \\
 - & 8 & 4 & \downarrow \downarrow & 7 & 1 & 8 \\
 \hline
 & 2 & 1 & \downarrow & & & \\
 - & 1 & 2 & \downarrow & & & \\
 \hline
 & & 9 & 7 & & & \\
 - & & 9 & 6 & & & \\
 \hline
 & & & 1 & & &
 \end{array}
 \end{array}$$

$$\begin{array}{r}
 \begin{array}{cccc|cc}
 9 & 2 & 7 & 3 & 2 & 5 \\
 - & 7 & 5 & \downarrow \downarrow & 3 & 7 & 0 \\
 \hline
 1 & 7 & 7 & \downarrow & & & \\
 - & 1 & 7 & 5 & \downarrow & & \\
 \hline
 & & 2 & 3 & & & \\
 - & & & 0 & & & \\
 \hline
 & & 2 & 3 & & &
 \end{array}
 \end{array}$$

$$\begin{array}{r}
 \begin{array}{cccc|cc}
 6 & 7 & 9 & 3 & 1 & 5 \\
 - & 6 & 0 & \downarrow \downarrow & 4 & 5 & 2 \\
 \hline
 & 7 & 9 & \downarrow & & & \\
 - & 7 & 5 & \downarrow & & & \\
 \hline
 & & 4 & 3 & & & \\
 - & & 3 & 0 & & & \\
 \hline
 & & 1 & 3 & & &
 \end{array}
 \end{array}$$

$$\begin{array}{r}
 \begin{array}{cccc|cc}
 9 & 3 & 4 & 9 & 1 & 6 \\
 - & 8 & 0 & \downarrow \downarrow & 5 & 8 & 4 \\
 \hline
 1 & 3 & 4 & \downarrow & & & \\
 - & 1 & 2 & 8 & \downarrow & & \\
 \hline
 & & 6 & 9 & & & \\
 - & & 6 & 4 & & & \\
 \hline
 & & & 5 & & &
 \end{array}
 \end{array}$$

$$\begin{array}{r}
 \begin{array}{cccc|cc}
 6 & 8 & 2 & 8 & 3 & 0 \\
 - & 6 & 0 & \downarrow \downarrow & 2 & 2 & 7 \\
 \hline
 & 8 & 2 & \downarrow & & & \\
 - & 6 & 0 & \downarrow & & & \\
 \hline
 & 2 & 2 & 8 & & & \\
 - & 2 & 1 & 0 & & & \\
 \hline
 & & 1 & 8 & & &
 \end{array}
 \end{array}$$

$$6871 : 12$$

$$7629 : 24$$



$$5348 : 15$$

$$6468 : 25$$



$$3486 : 30$$

$$7562 : 16$$



$$\begin{array}{r}
 \begin{array}{cccc|cc}
 & 7 & 6 & 2 & 9 & 2 & 4 \\
 - & 7 & 2 & \downarrow & \downarrow & 3 & 1 & 7 \\
 \hline
 & & 4 & 2 & \downarrow & & & \\
 - & & 2 & 4 & \downarrow & & & \\
 \hline
 & & & 1 & 8 & 9 & & \\
 - & & & 1 & 6 & 8 & & \\
 \hline
 & & & & 2 & 1 & &
 \end{array}
 \end{array}$$

$$\begin{array}{r}
 \begin{array}{cccc|cc}
 & 6 & 8 & 9 & 1 & 1 & 2 \\
 - & 6 & 0 & \downarrow & \downarrow & 5 & 7 & 4 \\
 \hline
 & & 8 & 9 & \downarrow & & & \\
 - & & 8 & 4 & \downarrow & & & \\
 \hline
 & & & & 5 & 1 & & \\
 - & & & & 4 & 8 & & \\
 \hline
 & & & & & 3 & &
 \end{array}
 \end{array}$$

$$\begin{array}{r}
 \begin{array}{cccc|cc}
 & 6 & 4 & 6 & 8 & 2 & 5 \\
 - & 5 & 0 & \downarrow & \downarrow & 2 & 5 & 8 \\
 \hline
 & & 1 & 4 & 6 & \downarrow & & \\
 - & & 1 & 2 & 5 & \downarrow & & \\
 \hline
 & & & 2 & 1 & 8 & & \\
 & & & 2 & 0 & 0 & & \\
 \hline
 & & & & 1 & 8 & &
 \end{array}
 \end{array}$$

$$\begin{array}{r}
 \begin{array}{cccc|cc}
 & 5 & 3 & 4 & 8 & 1 & 5 \\
 - & 4 & 5 & \downarrow & \downarrow & 3 & 5 & 6 \\
 \hline
 & & 8 & 4 & \downarrow & & & \\
 - & & 7 & 5 & \downarrow & & & \\
 \hline
 & & & & 9 & 8 & & \\
 - & & & & 9 & 0 & & \\
 \hline
 & & & & & 8 & &
 \end{array}
 \end{array}$$

$$\begin{array}{r}
 \begin{array}{cccc|cc}
 & 7 & 5 & 6 & 2 & 1 & 6 \\
 - & 6 & 4 & \downarrow & \downarrow & 4 & 7 & 2 \\
 \hline
 & & 1 & 1 & 6 & \downarrow & & \\
 - & & 1 & 1 & 2 & \downarrow & & \\
 \hline
 & & & & 4 & 2 & & \\
 - & & & & 3 & 2 & & \\
 \hline
 & & & & 1 & 0 & &
 \end{array}
 \end{array}$$

$$\begin{array}{r}
 \begin{array}{cccc|cc}
 & 3 & 4 & 8 & 6 & 3 & 0 \\
 - & 3 & 0 & \downarrow & \downarrow & 1 & 1 & 6 \\
 \hline
 & & 4 & 8 & \downarrow & & & \\
 - & & 3 & 0 & \downarrow & & & \\
 \hline
 & & & & 1 & 8 & 6 & \\
 - & & & & 1 & 8 & 0 & \\
 \hline
 & & & & & 6 & &
 \end{array}
 \end{array}$$