

Starter

For each of these calculations write one related multiplication and one related division fact.

$$4 \times 6 = 24$$

$$6 \times 4 = 24$$
$$24 \div 4 = 6 \quad 24 \div 6 = 4$$

$$6 \times 8 = 48 \quad 8 \times 6 = 48$$
$$48 \div 8 = 6 \quad 48 \div 6 = 8$$

$$4 \times 12 = 48 \quad 12 \times 4 = 48$$
$$48 \div 12 = 4 \quad 48 \div 4 = 12$$

Write some related tables facts. Remember, if we know how many 6s are in 24, then we can write a division fact too!

Can you see how writing in a different order and doubling helped to produce these facts?

$$3 \times 12 = 36$$

$$5 \times 6 = 30$$

$$2 \times 9 = 18$$

$$4 \times 8 = 32$$

Main

LO: to use subtraction methods

$$\begin{array}{r} \text{HTO} \\ 684 \\ - 257 \\ \hline 7 \end{array}$$

Look at the ones column.

Subtract the ones in the bottom row from the top row.

$$4 - 7 =$$

This doesn't work in this method, so we need to exchange a ten from the tens column for 10 ones and regroup these into the ones column.

$$14 - 7 = 7$$

Write 7 in the ones answer.

$$\begin{array}{r} \text{HTO} \\ 684 \\ - 257 \\ \hline 27 \end{array}$$

Look at the tens column.

Subtract the tens in the bottom row from the top row.

$$7 \text{ tens} - 5 \text{ tens} = 2 \text{ tens.}$$

Write 2 in the tens answer.

$\begin{array}{r} 451 \\ - 218 \\ \hline \end{array}$	$\begin{array}{r} 840 \\ - 525 \\ \hline \end{array}$	$\begin{array}{r} 472 \\ - 238 \\ \hline \end{array}$	$\begin{array}{r} 481 \\ - 323 \\ \hline \end{array}$
$\begin{array}{r} 690 \\ - 526 \\ \hline \end{array}$	$\begin{array}{r} 726 \\ - 419 \\ \hline \end{array}$	$\begin{array}{r} 427 \\ - 233 \\ \hline \end{array}$	$\begin{array}{r} 519 \\ - 450 \\ \hline \end{array}$
$\begin{array}{r} 353 \\ - 136 \\ \hline \end{array}$	$\begin{array}{r} 627 \\ - 258 \\ \hline \end{array}$	$\begin{array}{r} 622 \\ - 394 \\ \hline \end{array}$	$\begin{array}{r} 951 \\ - 652 \\ \hline \end{array}$