

Fast five

- $362 \times 28 =$
- $32.6 \times 100 =$
- $3692 + 272 =$
- $5988 - 3427 =$
- $60 \times 90 =$

Fast five answers

- $362 \times 28 = 10136$
- $32.6 \times 100 = 3260$
- $3692 + 272 = 3964$
- $5988 - 3427 = 2561$
- $60 \times 90 = 5400$

Can I answer missing number problems?

Review of the week : subtraction

What have we covered this week?

- Column subtraction with decimals
- Calculating missing values
- Finding the solution when the answer box has moved

Have a go, using the knowledge from this week, and then we will work through it together

$$\begin{array}{r} 56212 \\ \square 7 \square 7 \square - \\ \hline 4 \square 0 \square 8 \end{array}$$

Where did you start?

- It is always best to start in the ones column , when tackling missing number subtraction problems.

$$\begin{array}{r}
 56212 \\
 \square 7 \square 7 \square - \\
 \hline
 4 \square 0 \square 8
 \end{array}$$

Ones Column – what does it mean ?

This means that 2, minus something, equals 8. This is not possible. So we know we need to exchange from the tens column.

$$\begin{array}{r}
 \overset{0}{\cancel{1}} \overset{1}{\cancel{2}} \\
 \square 7 \square 7 \square 4 \quad - \\
 \hline
 4 \square 0 \square 8
 \end{array}$$

Now the sum is $12 - 8$, so the missing number is 4.

Did you get it right?

Now let's look at the tens column, You cant take away 7 from 0, so we need to exchange from the hundreds column

$$\begin{array}{r}
 1 \quad /10 \quad 1 \\
 5 \quad 6 \quad /2 \quad /1 \quad /2 \\
 \hline
 \square 7 \quad \square 1 \quad 7 \quad \square 4 \quad - \\
 \hline
 4 \square 0 \quad \square 3 \quad 8
 \end{array}$$

Now we have exchanged , the calculation is $10 - 7$ which is 3

Now let's look at the hundreds column.

1, minus something, equals 0.

That answer must be 1.

$$1 - 1 = 0$$

$$\begin{array}{r}
 \overset{1}{\cancel{2}} \overset{10}{\cancel{1}} \overset{1}{\cancel{2}} \\
 5 \ 6 \ \cancel{2} \ \cancel{1} \ \cancel{2} \\
 \hline
 \square 7 \ \boxed{1} \ 7 \ \boxed{4} \quad - \\
 \hline
 4 \ \square 0 \ \boxed{3} \ 8
 \end{array}$$

Now let's look at the thousands column.

You can't take 7 away from 6.

So we need to exchange.

$$\begin{array}{r}
 4 \quad 1 \quad 10 \quad 1 \\
 \cancel{5} \quad \cancel{6} \quad 2 \quad \cancel{1} \quad \cancel{2} \\
 \hline
 \boxed{0} \boxed{7} \boxed{0} \boxed{7} \boxed{4} \quad - \\
 \hline
 4 \boxed{9} \boxed{0} \boxed{3} \boxed{8}
 \end{array}$$

The calculation is now $16-7$ and so the answer is 9.

Now lets look at the 10,000 column.

4, minus something, equals 4.

The answer is 0

Answer – how did you do?

$$\begin{array}{r} 411101 \\ \cancel{56212} \\ 07174 - \\ \hline 49038 \end{array}$$

Recap missing number problems where the answer box has moved - subtraction

The answer box could be in any of these positions.

1. $36 - \boxed{}$

2. $\boxed{}99$

3. $55 = 96 - \boxed{}$

Remember:
Think carefully
what the
question is
asking.

Consider when to
use the inverse
operation to help
you solve these
problems.

Tasks

Today's tasks will be revising this weeks work . There will be mixed questions.