

Answer the following questions.

You can use place value cards and counters to help you.

1. (a)  $4 \times 100 =$

(b)  $75 \times 10 =$

(c)  $21 \times 1000 =$

(d)  $100 \times 33 =$

(e)  $60 \times 10 =$

2. (a)  $2400 \div 100 =$

(b)  $68 \div 10 =$

(c)  $350 \div 1000 =$

(d)  $9 \div 10 =$

(e)  $9 \div 1000 =$

3. Work out

(a)  $15 \times 10 \div 100$

(b)  $6 \div 100 \times 1000$

3. Fill in the missing numbers in these calculations.

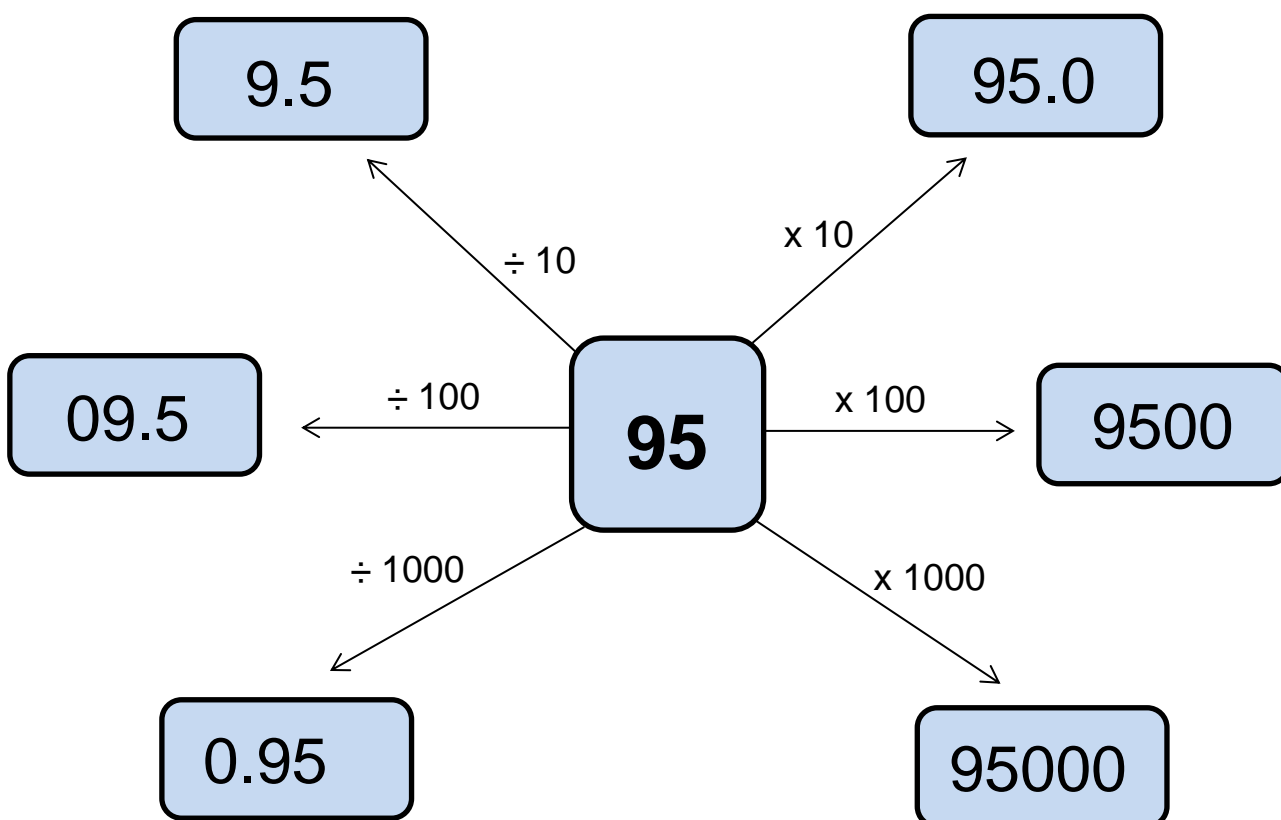
(a)  $6 \div \underline{\hspace{2cm}} = 0.6$

(b)  $\underline{\hspace{2cm}} \times 100 = 4500$

(c)  $0.74 = 74 \div \underline{\hspace{2cm}}$

(d)  $1000 \times \underline{\hspace{2cm}} = 65800$

4. Look at the diagram below.



Tick the boxes that are correct and put a cross next to the boxes that are incorrect.

In the space below **explain** what the correct answers should be.

5. Put these calculations in order from smallest to biggest.

$100 \times 540$	$5.4 \times 1000$	$5400 \div 10$	$5400 \div 1000$	$540 \div 10$
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6. By using a number from column A, an operation from B and a number from C, how many ways can you find to make 70?

A	B	C
7	×	1
70		10
700	÷	100
7000		1000

There are more than 4 ways.

7. Can you find a path from 6 to 0.06?

You are not allowed to make diagonal moves.

<b>6</b>	<b>x 10</b>	<b>x 10</b>	<b>÷ 100</b>
<b>÷ 10</b>	<b>x 100</b>	<b>x 100</b>	<b>÷ 10</b>
<b>x 10</b>	<b>÷ 10</b>	<b>÷ 1000</b>	<b>÷ 100</b>
<b>÷ 1000</b>	<b>x 1000</b>	<b>x 100</b>	<b>0.06</b>

8. Work out the value of each symbol.

$$7 \times 10 \times 10 \times \star \times 10 = 21,000$$

$$\star \times 100 \times \blacktriangle = 30,000$$

$$\blacksquare \times \star \div \blacktriangle = 3.6$$

9.



B is 10 times bigger than A

C is 1000 times bigger than A

What is the value of  $C \div B$ ?