Multiplying by 10, 100 and 1000

Answer the following questions.

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

1. (a) 4 x 100 =

(b) 75 x 10 =

(c) 21 x 1000 =

(d) 100 x 33 =

(e) 60 x 10 =

2. (a) 2400 ÷ 100 =

(b) 68 ÷ 10 =

(c) 350 ÷ 1000 =

(d) 9 ÷ 10 =

(e) 9 ÷ 1000 =

3. Work out

(a) 15 x 10 ÷ 100

(b) 6 ÷ 100 x 1000

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3. Fill in the missing numbers in these calculations.

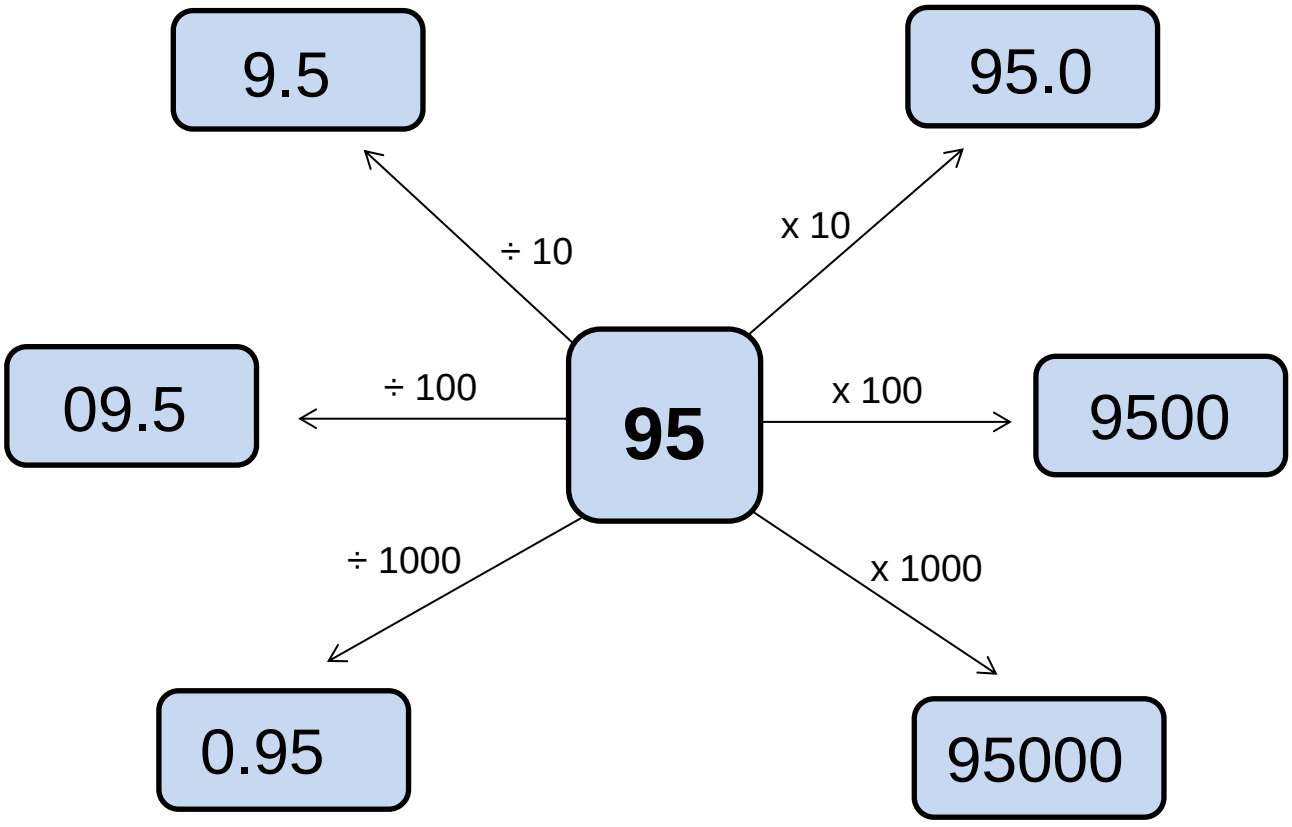
(a) 6 ÷ _____ = 0.6

(b) _____ x 100 = 4500

(c) 0.74 = 74 ÷ _____

(d) 1000 x _____ = 65800

4. Look at the diagram below.



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

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

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

100×540	5.4×1000	$5400 \div 10$	$5400 \div 1000$	$540 \div 10$

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.

6	**x 10**	**x 10**	**÷ 100**
÷ 10	**x 100**	**x 100**	**÷ 10**
x 10	**÷ 10**	**÷ 1000**	**÷ 100**
÷ 1000	**x 1000**	**x 100**	**0.06**

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8. Work out the value of each symbol.

$7 \times 10 \times 10 \times$  $\times 10 = 21{,}000$

 $\times 100 \times$  $= 30{,}000$

 $\times$  $\div$  $= 3.6$

9.



B is 10 times bigger than A

C is 1000 times bigger than A

What is the value of C ÷ B?

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