

1 $6.1 + 0.3 =$

[2016S]

Handwritten solution for $6.1 + 0.3 =$ on grid paper. The addition is shown as $6.1 + 0.3 = 6.4$. The result 6.4 is boxed.

[1 mark]

2 $2.5 + 0.05 =$

[2016S]

Handwritten solution for $2.5 + 0.05 =$ on grid paper. The addition is shown as $2.50 + 0.05 = 2.55$. The result 2.55 is boxed.

[1 mark]

3 Circle two numbers that add together to equal **0.25**

[2016]

0.05 0.23 0.2 0.5

[1 mark]

4 $4 - 1.15 =$

[2016]

Handwritten calculation on grid paper:

$$\begin{array}{r} 3 \overline{) 4.00} \\ - 1.15 \\ \hline 2.85 \end{array}$$

The result 2.85 is boxed.

[1 mark]

5 Circle two numbers which add to make 0.12

[2000]

0.1 0.5 0.05 0.7 0.07 0.2

[1 mark]

6 $9 - 3.45 =$

[2017]

Handwritten calculation on grid paper:

$$\begin{array}{r} 8 \overline{) 9.00} \\ - 3.45 \\ \hline 5.55 \end{array}$$

The result 5.55 is boxed.

[1 mark]

7 Circle two decimals that have a difference of 0.5

[2009]



0.2 0.25 0.4 0.45 0.6 0.75

[1 mark]

8

Two decimal numbers add together to equal 1

[2016S]

One of the numbers is 0.007

What is the other number?

0.993

[1 mark]

9

 $15.4 - 8.88 =$

[2016S]

$$\begin{array}{r} 1 \overset{4}{8} \overset{13}{.4} \overset{1}{0} \\ - \quad \quad 8.88 \\ \hline \quad \quad 6.52 \end{array}$$

6.52

[1 mark]

10

Jacob cuts 4 metres of ribbon into **three** pieces.

[2016]

The length of the first piece is **1.28** metres.The length of the second piece is **1.65** metres.

Work out the length of the third piece.

Show your method

$$\begin{array}{r} 1.28 \\ + 1.65 \\ \hline 2.93 \\ \hline 1 \end{array} \quad \begin{array}{r} \overset{3}{4} \overset{9}{.0} \overset{1}{0} \\ - 2.93 \\ \hline 1.07 \end{array}$$

1.07 m

[2 marks]

11 $3.005 + 6.12 =$

[2016]

Handwritten calculation on grid paper showing the addition of 3.005 and 6.12. The numbers are aligned by their decimal points. The sum 9.125 is written below a horizontal line and is enclosed in a rectangular box.

[1 mark]

12 $2.7 + 3.014 =$

[2017]

Handwritten calculation on grid paper showing the addition of 2.7 and 3.014. The numbers are aligned by their decimal points. The sum 5.714 is written below a horizontal line and is enclosed in a rectangular box.

[1 mark]

13 $15.98 + 26.314 =$

[2016]

Handwritten calculation on grid paper showing the addition of 15.98 and 26.314. The numbers are aligned by their decimal points. The sum 42.294 is written below a horizontal line and is enclosed in a rectangular box.

[1 mark]

14 $125.48 - 72.3 =$

[2016]

$$\begin{array}{r} 125.48 \\ - 72.30 \\ \hline 53.18 \end{array}$$

53.18

[1 mark]

15 Circle the two decimals which are **closest in value** to each other.

[2002]

0.9 0.09 0.99 0.1 0.01

0.10 →

[1 mark]

16 $37.8 - 14.671 =$

[2017]

$$\begin{array}{r} 37.800 \\ - 14.671 \\ \hline 23.129 \end{array}$$

23.129

[1 mark]

17 Write in the missing number.

[2015]

$8.5 + 14.7 = 10.2 + \boxed{13}$

23.2

[1 mark]

18

Alfie says,

[2015]



'When you multiply two numbers together, the answer is always greater than either of the numbers you started with.'

Is Alfie correct?
Circle **Yes** or **No**.

 Yes / **No**

Explain how you know.

BECAUSE WHEN YOU MULTIPLY BY A NUMBER LESS THAN ONE, THE ANSWER WILL GET SMALLER, E.G. $12 \times 0.5 = \underline{\underline{6}}$

EXAMPLES ARE VERY USEFUL

[1 mark]

19

 $1.28 \times 100 =$

[2016S]

[1 mark]

20

$0.04 \div 10 =$

[2017]

[1 mark]

21

$0.9 \times 200 =$

[2017]

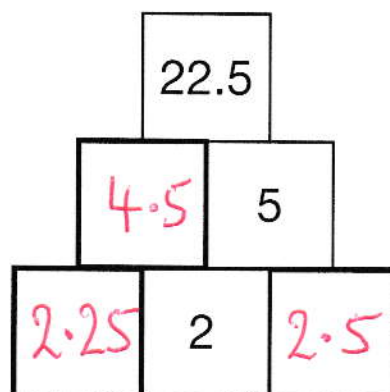
[1 mark]

22

The number in a box is the **product** of the two numbers below it.

[2016S]

Write the missing numbers.



[2 marks]

23 $0.9 \div 10 =$

[2016]

$0.9 \div 10 =$

0.09

[1 mark]

24 $15 \times 6.1 =$

[2016]

$15 \times 6.1 =$

So $15 \times 6.1 =$

91.5

[1 mark]

25 $1.52 \times 6 =$

[2016S]

$1.52 \times 6 =$

So $1.52 \times 6 =$

9.12

[1 mark]

26 Write two decimals, each less than 1, which multiply to make 0.1

[2001]

$0.5 \times 0.2 = 0.1$

[I ACTUALLY
THOUGHT OF
 $\frac{1}{5} \times \frac{1}{2} = \frac{1}{10}$]

[1 mark]