

1

$689 + 38 =$

$$\begin{array}{r} 689 \\ + 38 \\ \hline 727 \end{array}$$

727



1 mark

2

$72 \div 3 =$

$$\begin{array}{r} 24 \\ 3 \overline{)72} \end{array}$$

24



1 mark

3

$23 \times 6 =$

$$\begin{array}{r} 23 \\ \times 6 \\ \hline 138 \end{array}$$

138



1 mark



4

$4,532 - 19 =$

$$\begin{array}{r} 45\overset{2}{3}\overset{1}{2} \\ - \quad \quad 19 \\ \hline 4513 \end{array}$$

4513



1 mark

5

$3 \times 391 =$

$$\begin{array}{r} \overset{2}{3}91 \\ \times \quad \quad 3 \\ \hline 1173 \end{array}$$

1173



1 mark

6

$\boxed{8641} = 9,171 - 530$

$$\begin{array}{r} 8\overset{1}{1}71 \\ - \quad 530 \\ \hline 8641 \end{array}$$



1 mark



M 0 0 0 6 0 A 0 5 2 0

7

$$\underline{6,600} \div 6 =$$

$$\begin{array}{l} \times 100 \rightarrow 11 \times 6 = 66 \\ 1100 \times 6 = 6600 \rightarrow \times 100 \end{array}$$

1100



1 mark

8

$$\underline{99} \times 10 \times 1 =$$

$$99 \times 10 = 990$$

$$990 \times 1 = 990$$

990



1 mark

9

$$7.68 + 13.493 =$$

$$\begin{array}{r} 13.493 \\ + 7.680 \\ \hline 21.173 \end{array}$$

① Line up the decimal point
② Add place holders in any gaps

21.173



1 mark



10

$9 \times 752 =$

$$\begin{array}{r} 752 \\ \times 9 \\ \hline 6768 \end{array}$$

6768



1 mark

11

$640 \div 8 =$

I know that $64 \div 8 = 8$
 so $640 \div 8 = 80$

80



1 mark

12

$268 = 357 - 89$

$$\begin{array}{r} 357 \\ - 89 \\ \hline 268 \end{array}$$



1 mark



M 0 0 0 6 0 A 0 7 2 0

13

$$561 \div 3 =$$

$$\begin{array}{r} 187 \\ 3 \overline{) 561} \\ \underline{3} \\ 26 \\ \underline{21} \\ 51 \\ \underline{51} \\ 0 \end{array}$$

187

☐

1 mark

14

$$\frac{4}{6} \times \frac{1}{8} =$$

When multiplying fractions, multiply the numerators together and multiply the denominators together:

$$\frac{4}{6} \times \frac{1}{8} = \frac{4}{48}$$

$$\frac{4}{48}$$
☐

1 mark

15

$$90 = 630 \div 7$$

I know that $63 \div 7 = 9$ so
 $630 \div 7 = 90$

☐

1 mark



16

$$6,020,070 = 6,000,000 + 20,000 + 70$$

6 0 2 0 0 7 0
2 0,000



1 mark

17

$$2,671 \times 1,000 =$$

3 zero's means I move each number 3 times

x means
I move
each
number to
the left

M	H	Th	T	H	T	O	$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{1000}$
			2	6	7	1			
2	6	7	1	0	0	0			

Add place holders
in any gaps

2671000



1 mark

18

$$\frac{5}{12} + \frac{1}{3} =$$

① Make the denominators
the same

$$\frac{5}{12} + \frac{1}{3} \xrightarrow{\times 4} \frac{5}{12} + \frac{4}{12} = \frac{9}{12}$$

$\frac{9}{12}$



1 mark



M 0 0 0 6 0 A 0 9 2 0

19

$$\frac{2}{3} + \frac{4}{5} =$$

Make the denominators
the same

$$\begin{array}{c} \frac{2}{3} + \frac{4}{5} \\ \times 5 \quad \times 3 \\ \hline \frac{10}{15} + \frac{12}{15} \\ \hline \frac{22}{15} \end{array}$$

$$\frac{22}{15}$$

1 mark

20

$$\begin{array}{r} \times \quad 6312 \\ \times \quad \quad \textcircled{1} \textcircled{4} \\ \hline 25248 \\ 63120 \\ \hline 88368 \end{array}$$

When multiplying by
a 2 digit number,
you must add a
place holder

Show
your
method

$$88368$$

2 marks



21

$$2 + 3^3 =$$

$$3^3 = \underbrace{3 \times 3}_9 \times 3 = 27$$

$$2 + 27 = 29$$

29

1 mark

22

$$15.5 \div 100 =$$

2 zeros means moving each number twice.

$\div$ means move each number to the right

	H	T	O	$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{1000}$
			1	5	5	
			0	1	5	5

0.155

1 mark

23

$$90 - 56 \div 8 =$$

B

I

O ✓

M

A

S ✓

$$90 - 56 \div 8$$

$$90 - 7 = 83$$

83

1 mark



M 0 0 0 6 0 A 0 1 1 2 0

24

→ whole number
 $63 - 5.8 =$
 ↳ decimal

$$\begin{array}{r} 12 \\ 58 \overline{) 8.00} \\ - 5.80 \\ \hline 57.20 \end{array}$$

① Write the whole number and add a decimal place with some place holders.

② Line up the decimal points

57.20



1 mark

25

$$\begin{array}{r} 1 \quad 5^3 \\ 418 \\ \times 47 \\ \hline 2926 \\ + 16720 \\ \hline 19646 \end{array}$$

Show
your
method

19646



2 marks



26

$$\frac{6}{7} - \frac{11}{21} =$$

Make the denominators the same!

$$\begin{array}{r} \frac{6}{7} - \frac{11}{21} \\ \times 3 \quad \left(\begin{array}{r} \frac{18}{21} - \frac{11}{21} = \frac{7}{21} \end{array} \right. \end{array}$$

$$\frac{7}{21}$$



1 mark

27

$$\frac{7}{10} \div \frac{2}{1} =$$

①

keep

flip

change

$$\frac{7}{10} \times \frac{1}{2} = \frac{7}{20}$$

② Multiply

$$\frac{7}{20}$$



1 mark

28

$$2\frac{3}{8} - \frac{5}{8} =$$

① Convert your mixed number into an improper fraction

$$\frac{19}{8} - \frac{5}{8} = \frac{14}{8}$$

If denominators are the same so you subtract

$$\frac{14}{8}$$



1 mark



M 0 0 0 6 0 A 0 1 3 2 0

1 number after the decimal point means 1 number after the decimal point in your answer.

29

$$0.7 \times 26 =$$

$$\begin{array}{r} 26 \\ \times 7 \\ \hline 182 \end{array}$$

① Take the decimal point out.

② Multiply

③ Decimal point back in.

18.2



1 mark

30

$$\begin{array}{r} 029 \\ 34 \overline{) 986} \\ \underline{-68} \\ 306 \end{array}$$

D✓
M✓
S✓
B✓

① Write out the multiples of 34

34
68
102

29



2 marks

Show
your
method



31

99% of 600 =

X

$$\begin{array}{r}
 600 \\
 \times 99 \\
 \hline
 5400 \\
 54000 \\
 \hline
 59400
 \end{array}$$

divide by 100

594

1 mark

32

 $\frac{1}{2} \div 3 =$

KFC

$$\frac{1}{2} \times \frac{1}{3} = \frac{1}{6}$$

 $\frac{1}{6}$

1 mark



M 0 0 0 6 0 A 0 1 5 2 0

33

43% of 900 =

x

$$\begin{array}{r}
 900 \\
 \times 43 \\
 \hline
 2700 \\
 + 36000 \\
 \hline
 38700
 \end{array}$$

387



1 mark

34

$$2\frac{1}{6} - \frac{2}{3} =$$

① Convert to an improper fraction

② Make the denominators the same

$$\frac{13}{6} - \frac{2}{3}$$

$$\frac{13}{6} - \frac{4}{6}$$

$$\times 2 = \frac{9}{6}$$

$$\frac{9}{6}$$


1 mark



35

$$1\frac{1}{4} \times 39 =$$

① Multiply the whole numbers ② Add both answers together

$$1 \times 39 = 39$$

$$39 + 9\frac{3}{4} = 48\frac{3}{4}$$

② Multiply the fraction by the 39

$$\frac{1}{4} \times 39 = \frac{39}{4} = 9\frac{3}{4}$$

$$48\frac{3}{4}$$



1 mark

36

$$\begin{array}{r} 734234 \\ - 365 \\ \hline 0584 \\ 584 \\ \hline 000 \end{array}$$

D
M
S
B

$$\begin{array}{r} 73 \\ 146 \\ 219 \\ 292 \\ 365 \\ 438 \\ 511 \\ 584 \end{array}$$

$$58$$



2 marks



M 0 0 0 6 0 A 0 1 7 2 0