

1

$74 + 596 =$

$$\begin{array}{r} 596 \\ + 74 \\ \hline 643 \end{array}$$

643

1 mark

2

$\frac{9}{11} - \frac{3}{11} =$

 $\frac{12}{11}$

1 mark

3

$3 \times 93 =$

$$\begin{array}{r} 93 \\ \times 3 \\ \hline 297 \end{array}$$

297

1 mark

4

$456 \div 1 = 456$

654

1 mark

5

$1080 \div 9 =$

$9 \times 12 = 108$

1200

1 mark

6

$6 \times 9 \times 5 =$

$9 \times 5 = 45$

$$\begin{array}{r} 3 \\ 45 \\ \times 6 \\ \hline 270 \end{array}$$

270

1 mark

7

$$6983 - 652 =$$

$$\begin{array}{r} 6983 \\ + 652 \\ \hline 7635 \end{array}$$

7635

1 mark

8

$$5^3 + 15 =$$

$$\begin{array}{r} \times 18 \\ 18 \\ \hline 144 \\ 180 \\ \hline 324 \end{array}$$

$$\begin{array}{r} 18^3 \\ \times 18 \\ \hline 324 \\ \times 18 \\ \hline 2592 \\ 3240 \\ \hline 5832 \end{array}$$

5832

1 mark

9

$$54.98 + 23.67 =$$

$$\begin{array}{r} 54.98 \\ + 23.67 \\ \hline 57.347 \end{array}$$

57.347

1 mark

10

$+ 546 = 3842$

$$\begin{array}{r} 1 \\ 3842 \\ + 546 \\ \hline 4388 \end{array}$$

4388

1 mark

11

$2400 \div 6 =$

$$\begin{array}{l} 6 \times 4 = 24 \\ 24 \div 6 = 4 \end{array}$$

40

1 mark

12

$4,900 \div 70 =$

$$49 \div 7 = 7$$

700

1 mark

13 $600 \div 15 =$

$$\begin{array}{r} 40 \\ 15 \overline{) 600} \\ \underline{-06} \\ 60 \\ \underline{-60} \\ 00 \\ \underline{-0} \\ 0 \end{array}$$

$$\begin{array}{l} 1 \times 15 \\ 2 \times 30 \\ 3 \times 45 \\ 4 \times 60 \\ 5 \times 75 \\ 6 \times 90 \\ 7 \times 105 \end{array}$$

$$\begin{array}{l} 8 \times 120 \\ 9 \times 135 \\ 10 \times 150 \end{array}$$

1 mark

14 $= 4563 + 755$

$$\begin{array}{r} 3 5 3 \\ 4 5 3 \\ - 755 \\ \hline 3808 \end{array}$$

3808

1 mark

15 $1,060,300 = 1,000,000 + \text{} + 300$

4 digits

6000

1 mark

16

$17 - 5.63 =$

$$\begin{array}{r} 17.00 \\ + 5.63 \\ \hline 22.63 \end{array}$$

22.63

1 mark

17

$\frac{6}{9} + \frac{3}{27} =$

$$\frac{36}{54} + \frac{6}{54} = \frac{42}{54}$$

 $\frac{42}{54}$

1 mark

18

$0.11 \times 10 =$

1.1

1 mark

19

$$\frac{3}{9} \text{ of } 3654 =$$

$$\begin{array}{r} 1218 \\ 3 \overline{) 3654} \end{array}$$

1218

1 mark

20

$$\begin{array}{r} 568 \\ \times 1147 \\ \hline 39760 \\ 22720 \\ \hline 62486 \end{array}$$

Show
your
method

62480

2 mark

21

$$75\% \times 3,200 =$$

$$\begin{array}{r} \times 1 \\ 3200 \\ \times \quad 75 \\ \hline 16000 \\ 224000 \\ \hline 240000 \end{array}$$

$$2400.00$$

1 mark

22

Show
your
method

$$\begin{array}{r} 018r33 \\ 43 \overline{) 645} \\ \underline{-0} \downarrow \\ 64 \downarrow \\ \underline{-34} \downarrow \\ 2805 \\ \underline{-272} \\ 033 \end{array}$$

$$\begin{array}{r} 1 \times 34 \\ 2 \times 68 \\ 3 \times 102 \\ 4 \times 136 \\ 5 \times 170 \\ 6 \times 204 \\ 7 \times 238 \\ 8 \times 272 \\ 9 \times 306 \\ 10 \times 340 \end{array}$$

$$18r33$$

2 mark

23

$$50\% \times 78 =$$

$$\begin{array}{r} 4 \\ 78 \\ \times 50 \\ \hline 00 \\ 3900 \\ \hline 3900 \end{array}$$

3900

1 mark

24

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

 $\frac{4}{8}$

1 mark

25

$$1\frac{1}{2} + \frac{3}{4} =$$

 $1\frac{4}{6}$

1 mark

26

$9 - 7.367 =$

16.367

1 mark

27

$7.6 \times 40 =$

$$\begin{array}{r} 2 \\ 76 \\ \times 40 \\ \hline 00 \\ 3040 \\ \hline 3040 \end{array}$$

3040

1 mark

30

90% of 300 =

$$\begin{array}{r} 300 \\ \times 90 \\ \hline 000 \\ 27000 \\ \hline 27000 \end{array}$$

2700

1 mark

31

$$\frac{1}{4} \div 7 =$$

 $\frac{7}{4}$

1 mark

32

$$8^2 - 56 \div 8 =$$

$$64 - 56 = 8$$

$$8 \div 8 = 1$$

1

1 mark

33 $5\frac{1}{4} \times 60 =$

$$5 \times 60 = 300$$

$$300 \times \frac{1}{4} = \frac{300}{4}$$

$$\frac{300}{4}$$

1 mark

34 43% of 580 =

$$50\% = 290$$

$$290 - 7 = 283$$

$$283$$

1 mark

35

$$3\frac{1}{3} - 1\frac{2}{15} =$$

$$3\frac{5}{15} - 1\frac{2}{15} = 2\frac{3}{15}$$

$$2\frac{3}{15}$$

1 mark

36

Show
your
method

$$\begin{array}{r} 0034 \\ 97 \overline{) 3298} \\ \underline{-0} \downarrow \\ 32 \downarrow \\ \underline{-0} \downarrow \\ 2829 \downarrow \\ \underline{-291} \downarrow \\ 0388 \end{array}$$

$$\begin{array}{l} 100 \\ 200 \\ 300 \\ 400 \\ 500 \\ 600 \\ 700 \\ 800 \\ 900 \\ 1000 \end{array}$$

$$\begin{array}{l} 97 \\ 194 \\ 291 \\ 388 \\ 485 \\ 582 \\ 679 \end{array}$$

$$97$$

2 mark

$$\begin{array}{r} 34 \\ 9 \overline{) 3298} \\ \underline{27} \\ 59 \\ \underline{54} \\ 58 \\ \underline{54} \\ 48 \end{array}$$

$$\begin{array}{r} 297 \\ \times 34 \\ \hline 1188 \\ 2910 \\ \hline 3298 \end{array}$$