

1

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

$$\frac{4}{5} \times \frac{2}{3} = \frac{8}{15}$$

$$\frac{8}{15}$$

1 mark

2

$$\frac{3}{7} \times \frac{1}{5} =$$

$$\frac{3}{7} \times \frac{1}{5} = \frac{3}{35}$$

$$\frac{3}{35}$$

1 mark

3

$$\frac{3}{5} \text{ of } 500 =$$

$$\frac{1}{5} \text{ of } 500 = 500/5 = 100$$

$$100 \times 3 = 300$$

300

1 mark

4

$$2\frac{1}{4} \times 10 =$$

$$\frac{9}{4} \times \frac{10}{1} = \frac{90}{4}$$

$$\frac{90}{4} \text{ or } \frac{45}{2}$$

1 mark

5

$$1\frac{1}{2} \times 60 =$$

$$\frac{3}{2} \times \frac{60}{1} = \frac{180}{2} = 90$$

90

1 mark

6

$$\frac{3}{8} \times 440 =$$

$$\frac{3}{\cancel{8}} \times \frac{110}{\cancel{440}} = \frac{330}{2} = 165$$

165

1 mark

7

$$\frac{3}{7} \div 3 =$$

$$\frac{1}{7}$$

1 mark

8

$$\frac{3}{4} \div 4 =$$

$$\frac{3}{16}$$

1 mark

9

$$\frac{5}{6} \div 2 =$$

$$\frac{5}{12}$$

1 mark

10

$$1\frac{1}{2} \times 53 =$$

$$\frac{3}{2} \times \frac{53}{1} = \frac{159}{2}$$

$$\frac{159}{2}$$



1 mark

11

There are 261 students in a school.

$\frac{1}{3}$  of the students are going on a school trip.

How many students are **not** going on the trip?

Show  
Your  
method

$$\begin{array}{r} 87 \\ 3 \overline{) 261} \\ \underline{6} \phantom{1} \\ 21 \\ \underline{21} \\ 0 \end{array}$$

$$\begin{array}{r} 174 \\ - 261 \\ \hline 174 \end{array}$$

174 students

2 marks

12

Nick works for  $7\frac{2}{3}$  hours a day.

Nick works 195 days a year.

How many hours does Nick work in a year?

Show  
Your  
method

$$\begin{array}{r} 23 \\ 3 \overline{) 195} \\ \underline{6} \phantom{5} \\ 19 \phantom{5} \\ \underline{18} \phantom{5} \\ 15 \\ \underline{15} \\ 0 \end{array}$$

$$\begin{array}{r} 65 \\ \times 23 \\ \hline 195 \\ 1300 \\ \hline 1495 \end{array}$$

1495 hours

2 marks