

Quick Starts

| | <u>Nearest whole number</u> | <u>To 1 decimal place</u> | <u>To 2 decimal places</u> |
|---------|-----------------------------|---------------------------|----------------------------|
| 1.009 | | | |
| 123.099 | | | |
| 23.09 | | | |
| 9.999 | | | |

1. 25% off £14.00
2. 75% off £80.00
3. 60% off £36.00
4. 11% of 200m =
5. 48% of 80kg =
6. $\frac{2}{7}$ of 42 =
7. $\frac{5}{8}$ of 64L =
8. $3\frac{4}{5} + 7\frac{2}{10} =$
9. $4\frac{1}{3} - 2\frac{2}{3} =$

| | x10 | ÷10 | x100 |
|--------|-----|-----|------|
| 1.09 | | | |
| 1.9 | | | |
| 10.9 | | | |
| 1.009 | | | |
| 19.01 | | | |
| 2.345 | | | |
| 345.23 | | | |

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|---------|-----------------------------|---------------------------|----------------------------|
| 34.0456 | | | |
| 9.999 | | | |
| 19.511 | | | |
| 36.957 | | | |

1. 25% off £28.00
2. 75% off £60.00
3. 60% off £42.00
4. 11% of 300m =
5. 48% of 200kg =
6. $\frac{4}{7}$ of 42 =
7. $\frac{6}{8}$ of 64L =
8. $5 \frac{1}{5} + 7 \frac{2}{10} =$
9. $4 \frac{1}{3} - \frac{2}{3} =$

| | X10 | ÷10 | x100 |
|-------|-----|-----|------|
| 45.67 | | | |
| 10.02 | | | |
| 12.03 | | | |
| 10.01 | | | |
| 24.05 | | | |
| 4567 | | | |
| 18.2 | | | |

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|--------|-----------------------------|---------------------------|----------------------------|
| 45.123 | | | |
| 1.999 | | | |
| 2.893 | | | |
| 4.587 | | | |

$674 \div 12 = \underline{\hspace{2cm}}$
 $9856 + 18 + 0.01 = \underline{\hspace{2cm}}$
 $99 - 4.96 = \underline{\hspace{2cm}}$
 $442 \times 72 = \underline{\hspace{2cm}}$

$6 \times 7 \frac{1}{2} = \underline{\hspace{2cm}}$

$8 \times 7 \frac{1}{2} = \underline{\hspace{2cm}}$

$8 \times 6 \frac{1}{2} = \underline{\hspace{2cm}}$

$12 \times 9 \frac{1}{2} = \underline{\hspace{2cm}}$
 $65\% \text{ of } 540 = \underline{\hspace{2cm}}$
 $70\% \text{ of } 400 = \underline{\hspace{2cm}}$
 $81\% \text{ of } 200 = \underline{\hspace{2cm}}$

$\underline{\hspace{2cm}} 75\% \text{ off } 220 = \underline{\hspace{2cm}}$

FRACTIONS

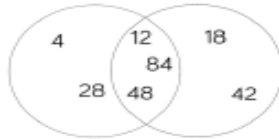
(order- ascending)

$1/2, 2/3, 4/6, 1/12$

$1/20, 1/2, 1/5, 1/4$

$1/3, 1/2, 1/18, 1/9$

Work out the headings for the Venn diagram.



Add in one more number to each section.

Can you think of a multiple of 6 and 8 that is a square number?

| Fractions | Decimals | Percentages |
|-----------|----------|-------------|
| 1/10 | | |
| | 0.2 | |
| 1/4 | | |
| | | 30% |
| 2/5 | | |
| 1/2 | 0.5 | 50% |
| | | 60% |
| | 0.7 | |
| | | 75% |
| 8/10 | | |
| | 0.9 | |
| 1/1 | | |

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|--------|-----------------------------|---------------------------|----------------------------|
| 14.675 | | | |
| 21.432 | | | |
| 9.367 | | | |
| 8.123 | | | |

$6 \times 8 \frac{2}{3} = \underline{\hspace{2cm}}$

$12 \times 7 \frac{2}{4} = \underline{\hspace{2cm}} \quad 25 \times 9 \frac{2}{5} = \underline{\hspace{2cm}} \quad 21 \times 4 \frac{6}{7} = \underline{\hspace{2cm}}$

$\frac{3}{12} + \frac{3}{4} = \underline{\hspace{2cm}}$

$\frac{5}{9} - \frac{1}{6} = \underline{\hspace{2cm}}$

$\frac{2}{3} - \frac{2}{9} = \underline{\hspace{2cm}}$

$\frac{3}{4} \times \frac{4}{5} = \underline{\hspace{2cm}}$

$\frac{8}{9} \times \frac{1}{5} = \underline{\hspace{2cm}}$

$\frac{4}{5} \times \frac{2}{7} = \underline{\hspace{2cm}}$

$\frac{2}{8} \times \frac{2}{3} = \underline{\hspace{2cm}}$

12% of 140 = $\underline{\hspace{2cm}}$

25% of £9.00 = $\underline{\hspace{2cm}}$

50% of 530 = $\underline{\hspace{2cm}}$

95% of 120 = $\underline{\hspace{2cm}}$

$0.6 \times 0.8 =$

$1 \times 0.9 =$

$0.9 \times 0.3 =$

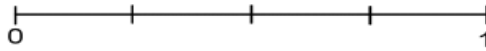
$0.5 \times 0.9 =$

$6 \times 0.3 =$

$2 \times 0.9 =$

$1.3 \times 3 =$

- 1 On the number line place $\frac{2}{8}, \frac{4}{8}, \frac{1}{8}, \frac{4}{4}, \frac{7}{8}, \frac{3}{16}$



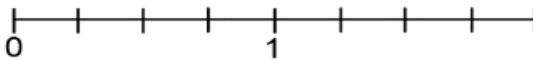
Which other fractions, with different denominators can be placed on the number line?

- 2 On the number line place: $\frac{2}{5}, \frac{3}{10}, \frac{6}{15}, \frac{10}{15}, \frac{4}{5}$



- 3 What other fractions can you place on the number line?

On the number line place: $\frac{10}{20}, \frac{1}{4}, \frac{6}{4}, 1 \frac{3}{8}, \frac{15}{8}, 1 \frac{7}{8}$



| Fractions | Decimals | Percentages |
|-----------|----------|-------------|
| 1/10 | | |
| | 0.2 | |
| 1/4 | | |
| | | 30% |
| 2/5 | | |
| 1/2 | 0.5 | 50% |
| | | 60% |
| | 0.7 | |
| | | 75% |
| 8/10 | | |
| | 0.9 | |
| 1/1 | | |