

TARGET To find percentages of amounts and quantities.

Examples

10% of 40	30% of 40	25% of 40	5% of 40
$\frac{1}{10}$ of 40	$(10\% \text{ of } 40) \times 3$	$\frac{1}{4}$ of 40	$(10\% \text{ of } 40) \div 2$
$40 \div 10$	4×3	$40 \div 4$	$4 \div 2$
4	12	10	2

A

Find 10% of:

- | | |
|-------|--------|
| 1 20 | 6 300 |
| 2 70 | 7 240 |
| 3 500 | 8 900 |
| 4 140 | 9 650 |
| 5 800 | 10 410 |

Find 10% of:

- | | |
|----------|-----------|
| 11 80p | 16 £1.70 |
| 12 30p | 17 £17.00 |
| 13 £2.00 | 18 £0.20 |
| 14 £7.50 | 19 £5.60 |
| 15 £4.90 | 20 £8.10. |

Find 10% of:

- | | |
|-----------|------------|
| 21 60 mm | 26 700 g |
| 22 90 kg | 27 350 ml |
| 23 400 ml | 28 280 km |
| 24 110 cm | 29 490 m |
| 25 830 m | 30 120 kg. |

- 31 A bag of flour weighs 850 g. 10% is used. How much flour is left?

B

Find

- a) 10% of: b) 20% of:
- | | |
|-------|---------|
| 1 300 | 3 £4.80 |
| 2 90 | 4 620 m |

Find

- a) 10% of: b) 30% of:
- | | |
|--------|----------|
| 5 140 | 7 700 ml |
| 6 2100 | 8 £12.50 |

Find

- a) 25% of: b) 75% of:
- | | |
|--------|----------|
| 9 32 | 11 £4.80 |
| 10 600 | 12 10 m |

Find

- | |
|-------------------|
| 13 20% of 160 |
| 14 30% of 30 |
| 15 50% of 2800 |
| 16 25% of 64 |
| 17 1% of 200 |
| 18 40% of 450 g |
| 19 90% of £4.00 |
| 20 75% of 36p |
| 21 60% of 1200 ml |
| 22 5% of £10.00 |

C

Find the new price if the price shown is reduced by:

- a) 10% b) 5% c) 15%.
- | | |
|----------|----------|
| 1 £25.00 | 3 £70.00 |
| 2 £3.20 | 4 £9.80 |

How much interest is paid into a savings account for each amount if the interest rate is:

- a) 10% b) 1% c) 3%.
- | | |
|---------|-----------|
| 5 £540 | 7 £10 000 |
| 6 £1900 | 8 £216 |

Find

- | |
|-------------------|
| 9 1% of 5800 |
| 10 5% of 4 |
| 11 99% of 7000 |
| 12 15% of 12 |
| 13 2% of £79 |
| 14 11% of £35 |
| 15 95% of 600 g |
| 16 7% of 1 litre |
| 17 9% of 500 ml |
| 18 3% of 2 kg |
| 19 45% of 240 m |
| 20 21% of £30 000 |

TARGET To find percentages of amounts and quantities.

Examples

10% of 40	30% of 40	25% of 40	5% of 40
$\frac{1}{10}$ of 40	$(10\% \text{ of } 40) \times 3$	$\frac{1}{4}$ of 40	$(10\% \text{ of } 40) \div 2$
$40 \div 10$	4×3	$40 \div 4$	$4 \div 2$
4	12	10	2

A

Find 10% of:

- | | |
|-------|--------|
| 1 20 | 6 300 |
| 2 70 | 7 240 |
| 3 500 | 8 900 |
| 4 140 | 9 650 |
| 5 800 | 10 410 |

Find 10% of:

- | | |
|----------|-----------|
| 11 80p | 16 £1.70 |
| 12 30p | 17 £17.00 |
| 13 £2.00 | 18 £0.20 |
| 14 £7.50 | 19 £5.60 |
| 15 £4.90 | 20 £8.10. |

Find 10% of:

- | | |
|-----------|------------|
| 21 60 mm | 26 700 g |
| 22 90 kg | 27 350 ml |
| 23 400 ml | 28 280 km |
| 24 110 cm | 29 490 m |
| 25 830 m | 30 120 kg. |

- 31 A bag of flour weighs 850 g. 10% is used. How much flour is left?

B

Find

- a) 10% of: b) 20% of:
- | | |
|-------|---------|
| 1 300 | 3 £4.80 |
| 2 90 | 4 620 m |

Find

- a) 10% of: b) 30% of:
- | | |
|--------|----------|
| 5 140 | 7 700 ml |
| 6 2100 | 8 £12.50 |

Find

- a) 25% of: b) 75% of:
- | | |
|--------|----------|
| 9 32 | 11 £4.80 |
| 10 600 | 12 10 m |

Find

- | |
|-------------------|
| 13 20% of 160 |
| 14 30% of 30 |
| 15 50% of 2800 |
| 16 25% of 64 |
| 17 1% of 200 |
| 18 40% of 450 g |
| 19 90% of £4.00 |
| 20 75% of 36p |
| 21 60% of 1200 ml |
| 22 5% of £10.00 |

C

Find the new price if the price shown is reduced by:

- a) 10% b) 5% c) 15%.
- | | |
|----------|----------|
| 1 £25.00 | 3 £70.00 |
| 2 £3.20 | 4 £9.80 |

How much interest is paid into a savings account for each amount if the interest rate is:

- a) 10% b) 1% c) 3%.
- | | |
|---------|-----------|
| 5 £540 | 7 £10 000 |
| 6 £1900 | 8 £216 |

Find

- | |
|-------------------|
| 9 1% of 5800 |
| 10 5% of 4 |
| 11 99% of 7000 |
| 12 15% of 12 |
| 13 2% of £79 |
| 14 11% of £35 |
| 15 95% of 600 g |
| 16 7% of 1 litre |
| 17 9% of 500 ml |
| 18 3% of 2 kg |
| 19 45% of 240 m |
| 20 21% of £30 000 |