

Name

Date



MULTIPLICATION PROBLEMS 5.2A

Have a go at solving these multiplication problems.

Can you spot the 'trick' problem which is not a multiplication problem?

1) A foot is about 30cm. A basketball court is 50ft wide. How many cm wide is this?



2) A sailfish can swim at speeds of 30 metres per second. How far could it travel in 15 seconds at this speed?



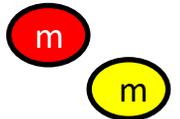
3) A pint is 568ml. How many ml in a 2 pint carton?



4) A pair of scissors costs £2.50. How much would 4 pairs cost at this price?



5) An M&Ms chocolate packet contains 36 chocolate sweets. How many sweets in a multipack bag of 5 packets?



6) There are on average 150 words on each page of the book 'How to Look after your Salamander'. The book contains 6 pages. How many words are there in the book?



7) A cruise ship travels at 25 miles per hour. How many hours will it take to make a 100 mile journey?

Did you spot the
trick problem?



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MULTIPLICATION PROBLEMS 5.2A ANSWERS

1) A foot is about 30cm. A basketball court is 50ft wide. How many cm wide is this?

$30 \times 50 = 1500\text{cm}$

2) A sailfish can swim at speeds of 30 metres per second. How far could it travel in 15 seconds at this speed?

$30 \times 15 = 450 \text{ metres}$

3) A pint is 568ml. How many ml in a 2 pint carton?

$568 \times 2 = 1136 \text{ ml or } 1.136 \text{ litres}$

4) A pair of scissors costs £2.50. How much would 4 pairs cost at this price?

$£2.50 \times 4 = \$10$

5) An M&Ms chocolate packet contains 36 chocolate sweets. How many sweets in a multipack bag of 5 packets?

$36 \times 5 = 180 \text{ sweets}$

6) There are on average 150 words on each page of the book 'How to Look after your Salamander'. The book contains 6 pages. How many words are there in the book?

$150 \times 6 = 900 \text{ words}$

7) A cruise ship travels at 25 miles per hour. How many hours will it take to make a 100 mile journey?

$100 \div 25 = 4 \text{ hours}$

*** Trick question - this was a division problem ***

Name

Date



MULTIPLICATION PROBLEMS 5.2B

Have a go at solving these multiplication problems.

Can you spot the 'trick' problem which is not a multiplication problem?

1) A foot is about 30cm. A basketball court is 50ft wide. How many cm wide is this?
How many metres wide?



2) A sailfish can swim at speeds of 31 metres per second. How far could it travel in 25 seconds at this speed?



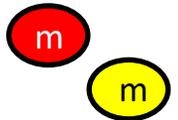
3) A pint is 568ml. How many ml in a gallon?



4) A pair of scissors costs £2.59. How much would 6 pairs cost at this price?



5) An M&Ms chocolate packet contains 36 chocolate sweets. How many sweets in a multipack bag of 15 packets?

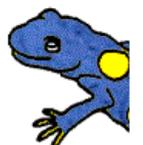


6) There are on average 154 words on each page of the book 'How to Look after your Salamander'. The book contains 12 pages. How many words are there in the book?



7) A cruise ship travels at 22 miles per hour. How many hours will it take to make a 132 mile journey?

Did you spot the
trick problem?





MULTIPLICATION PROBLEMS 5.2B ANSWERS

1) A foot is about 30cm. A basketball court is 50ft wide. How many cm wide is this?
How many metres wide?

$30 \times 50 = 1500\text{cm or } 15 \text{ m.}$

2) A sailfish can swim at speeds of 31 metres per second. How far could it travel in 25 seconds at this speed?

$31 \times 25 = 775 \text{ metres}$

3) A pint is 568ml. How many ml in a gallon?

$568 \times 8 \text{ pints} = 4544 \text{ ml or } 4.544 \text{ litres}$

4) A pair of scissors costs £2.59. How much would 6 pairs cost at this price?

$£2.59 \times 6 = £15.54$

5) An M&Ms chocolate packet contains 36 chocolate sweets. How many sweets in a multipack bag of 15 packets?

$36 \times 15 = 540 \text{ sweets}$

6) There are on average 154 words on each page of the book 'How to Look after your Salamander'. The book contains 12 pages. How many words are there in the book?

$154 \times 12 = 1848 \text{ words (approx.)}$

7) A cruise ship travels at 22 miles per hour. How many hours will it take to make a 132 mile journey?

$132 \div 22 = 6 \text{ hours.}$

*** Trick question - this was a division problem ***

Name

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MULTIPLICATION PROBLEMS 5.2C

Have a go at solving these multiplication problems.

Can you spot the 'trick' problem which is not a multiplication problem?

1) A foot is about 30.5cm. A basketball court is 50ft wide. How many cm wide is this? How many metres wide?



2) A sailfish can swim at speeds of 31.4 metres per second. How far could it travel in a minute?



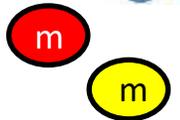
3) A pint is 568ml. How many ml in a 2 gallons? How many litres is this?



4) A pair of scissors costs £2.59. How much would 12 pairs cost at this price?



5) An M&Ms chocolate packet contains 36 chocolate sweets. How many sweets in a multipack bag of 24 packets?



6) There are on average 154 words on each page of the book 'How to Look after your Salamander'. The book contains 37 pages. How many words are there in the book?



7) A cruise ship travels at 26 miles per hour. How many hours will it take to make a 416 mile journey?

Did you spot the
trick problem?



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MULTIPLICATION PROBLEMS 5.2C ANSWERS

1) A foot is about 30.5cm. A basketball court is 50ft wide. How many cm wide is this? How many meters wide?

$30.5 \times 50 = 1525\text{cm}$ or 15.25m

2) A sailfish can swim at speeds of 31.4 metres per second. How far could it travel in a minute?

$31.4 \times 60 = 1884$ metres

3) A pint is 568ml. How many ml in a 2 gallons? How many litres is this?

$568 \times 8 \times 2 = 9088\text{ml}$ or 9.088 litres

4) A pair of scissors costs £2.59. How much would 12 pairs cost at this price?

$£2.59 \times 12 = £31.08$

5) An M&Ms chocolate packet contains 36 chocolate sweets. How many sweets in a multipack bag of 24 packets?

$36 \times 24 = 864$ sweets

6) There are on average 154 words on each page of the book 'How to Look after your Salamander'. The book contains 37 pages. How many words are there in the book?

$154 \times 37 = 5,698$ words (approx)

7) A cruise ship travels at 26 miles per hour. How many hours will it take to make a 416 mile journey?

$416 \div 26 = 16$ hours

*** Trick question - this was a division problem ***