MULTIPLICATION PROBLEMS 3.1A



Have a go at solving these multiplication problems.

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

1) A pack of pens contains 3 pens. How many pens in 2 packs?



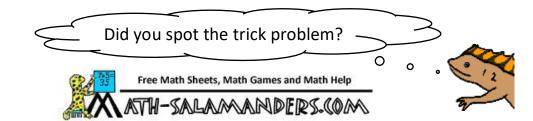
2) How many wheels on 3 cars?



- 3) A paperclip is made from 10cm of wire. How much wire would I need for 3 paperclips?
- 4) Sally runs for 3 miles a day. How far will she run in 3 days?



- 5) I buy 5 apples on Monday, and 7 more on Tuesday. How many have I bought in total?
- 6) A multipack bag of crisps holds 6 packets. How many packs of crisps in 2 multipacks?
- 7) It takes a rocket 7 seconds to travel a mile. How long would it take the rocket to go 2 miles at that speed?



MULTIPLICATION PROBLEMS 3.1A ANSWERS



1) A pack of pens contains 3 pens. How many pens in 2 packs?

 $3 \times 2 = 6 \text{ pens}$

2) How many wheels on 3 cars?

 $4 \times 3 = 12 \text{ wheels}$

3) A paperclip is made from 10cm of wire. How much wire would I need for 3 paperclips?

 $10 \times 3 = 30 \text{cm}$

4) Sally runs for 3 miles a day. How far will she run in 3 days?

 $3 \times 3 = 9 \text{ miles}$

5) I buy 5 apples on Monday, and 7 more on Tuesday. How many have I bought in total?

5 + 7 = 12 apples

***Trick questions - this was an addition question ***

6) A multipack bag of crisps holds 6 packets. How many packs of crisps in 2 multipacks?

6 x 2 = 12 packets

7) It takes a rocket 7 seconds to travel a mile. How long would it take the rocket to go 2 miles at that speed?

 $7 \times 2 = 14$ seconds



MULTIPLICATION PROBLEMS 3.1B



Have a go at solving these multiplication problems.

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

1) A pack of pens contains 6 pens. How many pens in 5 packs?



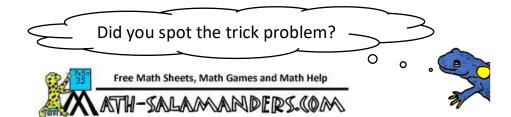
2) How many wheels on 7 cars?



- 3) A paperclip is made from 10cm of wire. How much wire would I need for 6 paperclips?
- 4) Sally runs for 3 miles a day. How far will she run in a week?



- 5) I buy 5 apples on Monday, and 7 more on Tuesday. How many have I bought in total?
- 6) A multipack bag of crisps holds 6 packets. How many packs of crisps in 6 multipacks?
- 7) It takes a rocket 7 seconds to travel a mile. How long would it take the rocket to go 5 miles at that speed?



MULTIPLICATION PROBLEMS 3.1B ANSWERS



1) A pack of pens contains 6 pens. How many pens in 5 packs?

 $6 \times 5 = 30 \text{ pens}$

2) How many wheels on 7 cars?

 $7 \times 4 = 28 \text{ wheels}$

3) A paperclip is made from 10cm of wire. How much wire would I need for 6 paperclips?

 $10 \times 6 = 60 \text{ cm of wire}$

4) Sally runs for 3 miles a day. How far will she run in a week?

 $3 \times 7 = 21 \text{ miles}$

5) I buy 5 apples on Monday, and 7 more on Tuesday. How many have I bought in total?

5 + 7 = 12 apples

*** Trick problem - this was an addition problem ***

6) A multipack bag of crisps holds 6 packets. How many packs of crisps in 6 multipacks?

6 x 6 = 36 packets

7) It takes Sally 7 minutes to run a mile. How long would it take her to run 5 miles?

 $7 \times 5 = 35 \text{ minutes}$



MULTIPLICATION PROBLEMS 3.1C



Have a go at solving these multiplication problems.

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

1) A pack of pens contains 6 pens. How many pens in 7 packs?



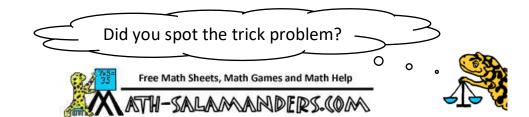
2) How many wheels on 12 cars?



- 3) A paperclip is made from 10cm of wire. How much wire would I need for 11 paperclips?
- 4) Sally runs for 3 miles a day. How far will she run in a 2 weeks?



- 5) I buy 12 apples on Monday, and 7 more on Tuesday. How many have I bought in total?
- 6) A multipack bag of crisps holds 6 packets. How many packs of crisps in 12 multipacks?
- 7) It takes a rocket 7 seconds to travel a mile. How long would it take the rocket to go 14 miles at that speed?



MULTIPLICATION PROBLEMS 3.1C ANSWERS



1) A pack of pens contains 6 pens. How many pens in 7 packs?

 $6 \times 7 = 42 \text{ pens}$

2) How many wheels on 12 cars?

12 x 4 = 48 wheels

3) A paperclip is made from 10cm of wire. How much wire would I need for 11 paperclips?

 $10 \times 11 = 110 \text{ cm of wire}$

4) Sally runs for 3 miles a day. How far will she run in a 2 weeks?

3 x 14 = 42 miles

5) I buy 12 apples on Monday, and 7 more on Tuesday. How many have I bought in total?

12 + 7 = 19 apples

*** Trick questions - this was an addition question ***

6) A multipack bag of crisps holds 6 packets. How many packs of crisps in 12 multipacks?

6 x 12 = 72 packets

7) It takes a rocket 7 seconds to travel a mile. How long would it take the rocket to go 14 miles at that speed?

 $7 \times 14 = 98$ seconds (or 1 minute and 38 seconds)

