MULTIPLICATION PROBLEMS 4.2A



Have a go at solving these multiplication problems.

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

1) A scale model of a Boeing 747 is 7m long. The real plane is 10 times longer. How long is the actual plane?

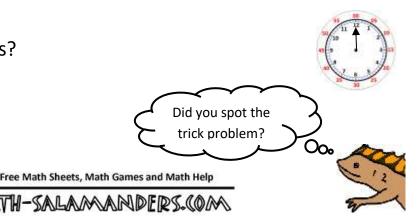
- 2) A box of eggs holds 6 eggs. If I had 20 full boxes, how many eggs would I have?
- 3) A pack of 8 pens costs me \$10. I buy 12 packs. How many pens have I bought?



- 4) A box of chocolates contains 30 chocolates. How many chocolates in 4 boxes?
- 5) How many days in 20 weeks?

			muli			
				1	1	3
4		6	7	8	9	10
11	12	13	14	15	1,4	1.7
18	19	20	21	22	25	24
25	26	27	36	20	30	31

- 6) A paperclip is made from 10cm of wire. How many paperclips could be made from 70cm of wire?
- 7) A ream contains 500 sheets of paper. How many sheets in 2 reams?
- 8) How many seconds in 3 minutes?



MULTIPLICATION PROBLEMS 4.2A ANSWERS



1) A scale model of a Boeing 747 is 7m long. The real plane is 10 times longer. How long is the actual plane?

 $7m \times 10 = 70m long$

- 2) A box of eggs holds 6 eggs. If I had 20 full boxes, how many eggs would I have? $6 \times 20 = 120 \text{ eggs}$
- 3) A pack of 8 pens costs me \$10. I buy 12 packs. How many pens have I bought? $8 \times 12 = 96 \text{ pens}$
- 4) A box of chocolates contains 30 chocolates. How many chocolates in 4 boxes? $30 \times 4 = 120 \text{ chocolates}$
- 5) How many days in 20 weeks?

 $20 \times 7 = 140 \text{ days}$

6) A paperclip is made from 10cm of wire. How many paperclips could be made from 70cm of wire?

 $70 \div 10 = 7$ paper clips

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

- 7) A ream contains 500 sheets of paper. How many sheets in 2 reams? $500 \times 2 = 1000$ sheets
- 8) How many seconds in 3 minutes?

 $60 \times 3 = 180 \text{ seconds}$

MULTIPLICATION PROBLEMS 4.2B



Have a go at solving these multiplication problems.

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

1) A scale model of a Boeing 747 is 5 foot long. The real plane is fifty times longer. How long is the actual plane?

- 2) A box of eggs holds 6 eggs. If I had 40 full boxes, how many eggs would I have?
- 3) A pack of 8 pens costs me \$12. I buy 20 packs. How many pens have I bought?



- 4) A box of chocolates contains 30 chocolates. How many chocolates in 9 boxes?
- 5) How many days in 40 weeks?

			muli		-100		
				1	1	3	
4		4	7	8	9	10	
11	12	13	14	15	1,4	1.7	
18	19.	20	21	22	25	24	
25	26	27	36	20	30	33	

- 6) A paperclip is made from 10cm of wire. How many paperclips could be made from 2m of wire?
- 7) A ream contains 500 sheets of paper. How many sheets in 3 reams?
- 8) How many seconds in 6 minutes?





MULTIPLICATION PROBLEMS 4.2B ANSWERS



1) A scale model of a Boeing 747 is 5 foot long. The real plane is fifty times longer. How long is the actual plane?

 $5 \times 50 = 250 \text{ feet}$

- 2) A box of eggs holds 6 eggs. If I had 40 full boxes, how many eggs would I have? $6 \times 40 = 240 \text{ eggs}$
- 3) A pack of 8 pens costs me \$12. I buy 20 packs. How many pens have I bought? $8 \times 20 = 160 \text{ pens}$
- 4) A box of chocolates contains 30 chocolates. How many chocolates in 9 boxes? $30 \times 9 = 270$ chocolates
- 5) How many days in 40 weeks?

 $40 \times 7 = 280 \text{ days}$

6) A paperclip is made from 10cm of wire. How many paperclips could be made from 2m of wire?

200 ÷ 10 = 20 paperclips

*** Trick questions - this was really a division problem ***

- 7) A ream contains 500 sheets of paper. How many sheets in 3 reams? $500 \times 3 = 1500 \text{ sheets}$
- 8) How many seconds in 6 minutes?

<u>6 x 60 = 360 seconds</u>

MULTIPLICATION PROBLEMS 4.2C



Have a go at solving these multiplication problems.

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

1) A scale model of a Boeing 747 is 7.1m long. The real plane is 10 times longer. How long is the actual plane?

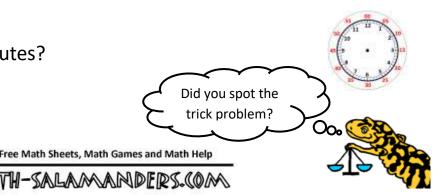
- 2) A box of eggs holds 6 eggs. If I had 68 full boxes, how many eggs would I have?
- 3) A pack of 8 pens costs me \$17. The school buy 74 packs. How many pens have I bought?



- 4) A box of chocolates contains 36 chocolates. How many chocolates in 11 boxes?
- 5) How many days in 46 weeks?

			muii		199		
				1	1	3	
4		4	7	8	9	10	
11	12	13	14	15	1,4	1.7	
18	19.	20	21	22	25	24	
25	26	27	36	30	30	33	

- 6) A paperclip is made from 10cm of wire. How many paperclips could be made from 2.8m of wire?
- 7) A ream contains 500 sheets of paper. How many sheets in 12 reams?
- 8) How many seconds in 12 ½ minutes?



MULTIPLICATION PROBLEMS 4.2C ANSWERS



1) A scale model of a Boeing 747 is 7.1m long. The real plane is 10 times longer. How long is the actual plane?

 $7.1 \times 10 = 71 \text{m long}$

- 2) A box of eggs holds 6 eggs. If I had 68 full boxes, how many eggs would I have? $6 \times 68 = 408 \text{ eggs}$
- 3) A pack of 8 pens costs me \$17. The school buy 74 packs. How many pens have I bought?

 $8 \times 74 = 592 \text{ pens}$

- 4) A box of chocolates contains 36 chocolates. How many chocolates in 11 boxes? $36 \times 11 = 396$
- 5) How many days in 46 weeks?

 $7 \times 46 = 322 \text{ days}$

6) A paperclip is made from 10cm of wire. How many paperclips could be made from 2.8m of wire?

280 ÷ 10 = 28 paperclips

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

- 7) A ream contains 500 sheets of paper. How many sheets in 12 reams? $500 \times 12 = 6000$ sheets
- 8) How many seconds in 12 ½ minutes?

12 ½ x 60 = 750 seconds