

Name

Date



## MULTIPLICATION PROBLEMS 5.1A

*Have a go at solving these multiplication problems.*

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

1) The cruising speed of a jumbo jet is about 900 km per hour. How far could it travel in 2 hours?



2) There are 0.7mg of iron in an artechoke. How many grams of iron in 2 artechockes?



3) A bottle holds  $\frac{1}{2}$  pint of liquid. How much would 5 bottles hold?



4) How many seconds in 5 minutes?

5) An athletics track is 400m long. If I ran 3 times round the track, how far would that be?



6) A football weighs 450g. How much would 2 footballs weigh?

7) 10 sheets of card are about 20mm thick. How thick is one sheet of card?

8) A pack of pens contains 8 pens. A box contains 15 packets. How many pens in a box?



Did you spot the  
trick problem?



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## MULTIPLICATION PROBLEMS 5.1A ANSWERS

1) The cruising speed of a jumbo jet is about 900 km per hour. How far could it travel in 2 hours?

$900 \times 2 = 1800 \text{ km per hour}$

2) There are 0.7mg of iron in an artechoke. How many grams of iron in 2 artechockes?

$0.7 \times 2 = 1.4\text{mg of iron}$

3) A bottle holds  $\frac{1}{2}$  pint of liquid. How much would 5 bottles hold?

$\frac{1}{2} \times 5 = 2 \frac{1}{2} \text{ pints}$

4) How many seconds in 5 minutes?

$60 \times 5 = 300 \text{ seconds}$

5) An athletics track is 400m long. If I ran 3 times round the track, how far would that be?

$400 \times 3 = 1200 \text{ m}$

6) A football weighs 450g. How much would 2 footballs weigh?

$450 \times 2 = 900\text{g}$

7) 10 sheets of card are about 20mm thick. How thick is one sheet of card?

$20 \div 10 = 2\text{mm thick.}$

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

8) A pack of pens contains 8 pens. A box contains 15 packets. How many pens in a box?

$8 \times 15 = 120 \text{ pens}$



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## MULTIPLICATION PROBLEMS 5.1B

*Have a go at solving these multiplication problems.*

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

1) The cruising speed of a jumbo jet is about 900 km per hour. How far could it travel in 4 hours?



2) There are 0.7mg of iron in an artechoke. How many grams of iron in 6 artechokes?



3) A bottle holds 0.8 pints of liquid. How much would 5 bottles hold?



4) How many seconds in an hour?

5) An athletics track is 400m long. If I ran 9 times round the track, how far would that be?



6) A football weighs 0.9 lb. How much would 6 footballs weigh?

7) 100 sheets of paper are about 5mm thick. How thick is one sheet of paper?

8) A pack of pens contains 8 pens. A box contains 20 packets. How many pens in 5 boxes?



Did you spot the  
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## MULTIPLICATION PROBLEMS 5.1B ANSWERS

1) The cruising speed of a jumbo jet is about 900 km per hour. How far could it travel in 4 hours?

$$\underline{900 \times 4 = 3600\text{km}}$$

2) There are 0.7mg of iron in an artechoke. How many grams of iron in 6 artechockes?

$$\underline{0.7 \times 6 = 4.2\text{mg}}$$

3) A bottle holds 0.8 pints of liquid. How much would 5 bottles hold?

$$\underline{0.8 \times 5 = 4 \text{ pints}}$$

4) How many seconds in an hour?

$$\underline{60 \times 60 = 3600 \text{ seconds}}$$

5) An athletics track is 400m long. If I ran 9 times round the track, how far would that be?

$$\underline{400 \times 9 = 3600\text{m}}$$

6) A football weighs 0.9 lb. How much would 6 footballs weigh?

$$\underline{0.9 \times 6 = 5.4 \text{ lb}}$$

7) 100 sheets of paper is about 5mm thick. How thick is one sheet of paper?  $5 \div$

$$\underline{100 = 0.05\text{mm thick}}$$

\*\*\* This is a trick problem - it is a division problem \*\*\*

8) A pack of pens contains 8 pens. A box contains 20 packets. How many pens in 5 boxes?

$$\underline{8 \times 20 \times 5 = 800 \text{ pens}}$$

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## MULTIPLICATION PROBLEMS 5.1C

*Have a go at solving these multiplication problems.*

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

1) The cruising speed of a jumbo jet is about 915 km per hour. How far could it travel in 4 hours?



2) There are 0.72mg of iron in an artechoke. How many grams of iron in 6 artechockes?



3) A bottle holds 0.85 pints of liquid. How much would 5 bottles hold?



4) How many seconds in a 3 hours?

5) An outside lane on an athletics track is 488m long. If I ran 9 times round this lane, how far would that be?



6) A football weighs 0.92 lb. How much would 6 footballs weigh?

7) 100 sheets of paper are about 4.7mm thick. How thick is one sheet of paper?

8) A pack of pens contains 8 pens. A box contains 24 packets. How many pens in 6 boxes?



Did you spot the  
trick problem?



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## MULTIPLICATION PROBLEMS 5.1C ANSWERS

1) The cruising speed of a jumbo jet is about 915 km per hour. How far could it travel in 4 hours?

$$\underline{915 \times 4 = 3660 \text{ km}}$$

2) There are 0.72mg of iron in an artechoke. How many grams of iron in 6 artechockes?

$$\underline{0.72 \times 6 = 4.32\text{mg}}$$

3) A bottle holds 0.85 pints of liquid. How much would 5 bottles hold?

$$\underline{0.85 \times 5 = 4.25 \text{ pints}}$$

4) How many seconds in a 3 hours?

$$\underline{60 \times 60 \times 3 = 10800 \text{ seconds}}$$

5) An outside lane on an athletics track is 488m long. If I ran 9 times round this lane, how far would that be?

$$\underline{488 \times 9 = 4392\text{m}}$$

6) A football weighs 0.92 lb. How much would 6 footballs weigh?

$$\underline{6 \times 0.92 = 5.52\text{lb}}$$

7) 100 sheets of paper are about 4.7mm thick. How thick is one sheet of paper?

$$\underline{4.7 \div 100 = 0.047\text{mm.}}$$

\*\*\* This is a trick problem - it is a division problem \*\*\*

8) A pack of pens contains 8 pens. A box contains 24 packets. How many pens in 6 boxes?

$$\underline{8 \times 24 \times 6 = 1152 \text{ pens.}}$$

