

Give me 5!



You have 5 minutes to answer these 5 questions.

In the back of your journal, write the date.

Try your best and show all of your working out (making sure your final answer is clear).

If you finish, check your working.

Can you beat your best score?

Can you beat your best time?

Give me 5!



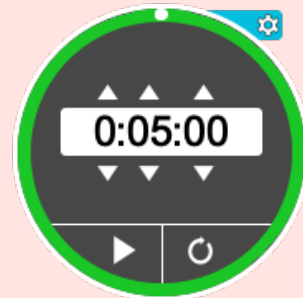
1. $76 + 89 =$

2. $792 - 156 =$

3. $121 \div 11 =$

4. $12 \times 9 =$

5. $? \times 7 = 35$



Solving Word Problems

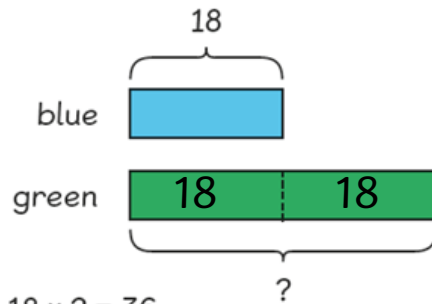
Lesson 9

In Focus

There are 18 blue crayons on the table.
There are twice as many green crayons
as blue crayons on another table.

- (a) How many green crayons are there?
- (b) How many crayons are there altogether?



Let's Learn**1** (a)

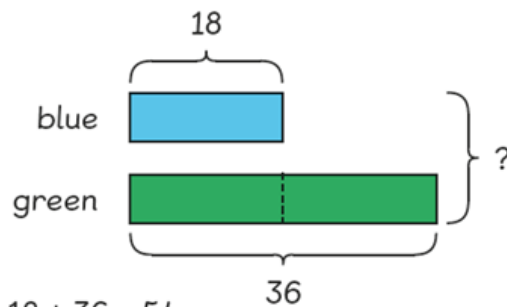
$$18 \times 2 = 36$$

There are 36 green crayons.

'Twice' means
2 times.



(b)

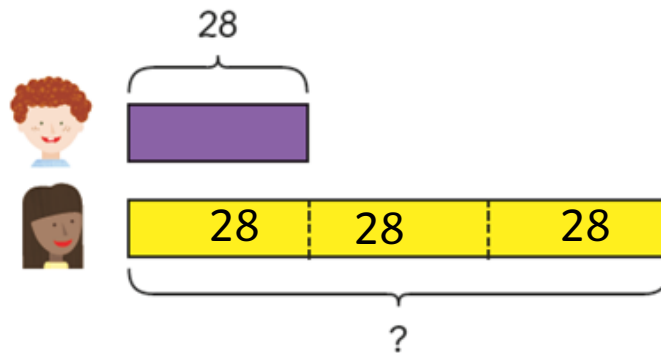


$$18 + 36 = 54$$

There are 54 crayons altogether.

- 2 There are 28 boys in a group.
There are 3 times as many girls as there are boys.

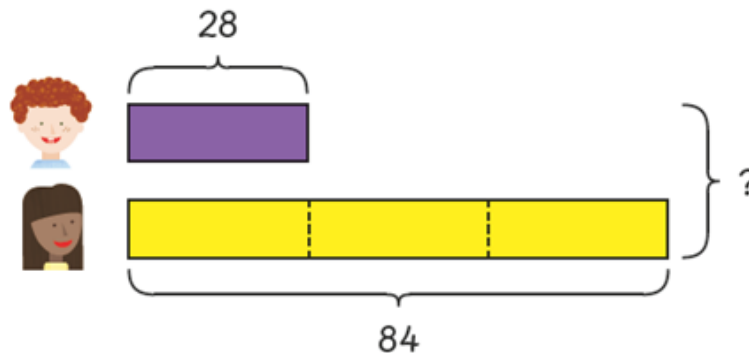
(a) How many girls are there?



$$28 \times 3 = 84$$

There are 84 girls.

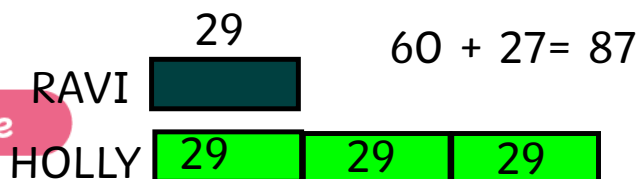
(b) How many children are there?



$$28 + 84 = 112$$

There are 112 children altogether.

Guided Practice



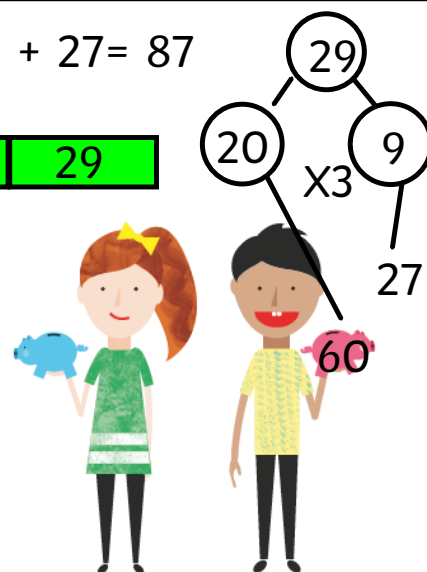
Solve.

$$29 \times 3 = 87$$

- 1 Ravi has 29 coins.
Holly has 3 times as many coins as Ravi has.
(a) How many coins does Holly have?
(b) How many coins are there altogether?

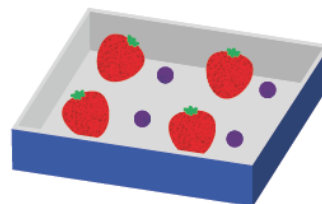
a) Holly has 87 coins.

b) There are 116 coins altogether.



$$87 + 29 = 116$$

- 2 There are 24 boxes with the same number of berries inside.
Each box contains 4 strawberries and 4 blueberries.
How many berries are there altogether?



- 3 Ruby has 32 sheets of paper.
She cuts 4 square pieces and 3 triangle pieces
from each sheet of paper.
How many pieces does she cut in all?



Name: _____ Class: _____ Date: _____



Worksheet 9

Solving Word Problems

Solve.

- 1 A farmer has 46 ducks.
He has twice as many chickens as ducks.
(a) How many chickens does he have?



- (b) How many chickens and ducks does he have altogether?

- 2 There are 15 boxes of fruit.
Each box contains 5 apples and 3 oranges.
How many pieces of fruit are there altogether?



- 3 There are 39 white beads in a box.
There are 4 times as many black beads as white beads in the box.
How many beads are there altogether?



- 4 In a car park, there are 47 cars and 38 lorries.
How many wheels are there altogether?



Tammy has £18. She wants to buy some muffins and chocolate bars. Muffins cost £3 and chocolate bars cost £4.



How many muffins does she buy and how many chocolate bars does she buy?

Can you find more than one solution?

Lottie is counting the number of wheels in a car park. Cars and bikes are in the car park.

Cars have four wheels and bikes have two wheels.



If there are 26 wheels altogether, how many cars and bikes might there be?

William has 3 t-shirts and 4 pairs of trousers.



How many different outfits can he make?

You may choose one item from each column to make a sandwich. How many different combinations can you make?

<u>Filling</u>	<u>Extra</u>
Cheese	Lettuce
Peanut Butter	Onion
Turkey	Tomato
Chicken	Beetroot

ANSWERS

Name: _____ Class: _____ Date: _____



Worksheet 9

Solving Word Problems

Solve.

- 1 A farmer has 46 ducks.
He has twice as many chickens as ducks.
(a) How many chickens does he have?

$$\begin{array}{r} 46 \\ \times 2 \\ \hline 92 \end{array}$$

The farmer has 92 chickens.



- (b) How many chickens and ducks does he have altogether?

$$92 + 46 = 138$$

The farmer has 138 chicken and ducks altogether.



- 2 There are 15 boxes of fruit.
Each box contains 5 apples and 3 oranges.
How many pieces of fruit are there altogether?

5 + 3 = 8 pieces of fruit in each box

$$\begin{array}{r} 15 \\ \times 8 \\ \hline 120 \end{array}$$

There are 120 pieces of fruit altogether.



- 3 There are 39 white beads in a box.
There are 4 times as many black beads as white beads in the box.
How many beads are there altogether?



$$\begin{array}{r} 39 \\ \times 4 \\ \hline 156 \end{array}$$

156	
	39

$$156 + 39 = 195$$

There are 195 beads altogether.

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- 4 In a car park, there are 47 cars and 38 lorries.
How many wheels are there altogether?

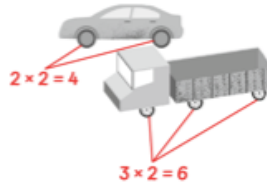
$$\begin{array}{r} 47 \\ \times 4 \\ \hline 188 \end{array}$$

$$\begin{array}{r} 38 \\ \times 6 \\ \hline 228 \end{array}$$

188	
	228

$$188 + 228 = 416$$

There are 416 wheels altogether.



Tammy has £18. She wants to buy some muffins and chocolate bars. Muffins cost £3 and chocolate bars cost £4.



How many muffins does she buy and how many chocolate bars does she buy?

Can you find more than one solution?

Tammy buys 3 chocolate bars and 2 muffins.

Lottie is counting the number of wheels in a car park. Cars and bikes are in the car park.

Cars have four wheels and bikes have two wheels.



If there are 26 wheels altogether, how many cars and bikes might there be?

$6 \text{ cars, } 1 \text{ bike } 6 \times 4 = 24 \quad 1 \times 2 = 2 \quad 24 + 2 = 26$
 $5 \text{ cars, } 3 \text{ bikes } 5 \times 4 = 20 \quad 3 \times 2 = 6 \quad 20 + 6 = 26$
 $4 \text{ cars, } 5 \text{ bikes } 4 \times 4 = 16 \quad 5 \times 2 = 10 \quad 16 + 10 = 26$
 $3 \text{ cars, } 7 \text{ bikes } 3 \times 4 = 12 \quad 7 \times 2 = 14 \quad 12 + 14 = 26$
 $2 \text{ cars, } 9 \text{ bikes } 2 \times 4 = 8 \quad 9 \times 2 = 18 \quad 8 + 18 = 26$
 $1 \text{ car, } 11 \text{ bikes } 1 \times 4 = 4 \quad 11 \times 2 = 22 \quad 22 + 4 = 26$

William has 3 t-shirts and 4 pairs of trousers.



How many different outfits can he make? *There are 12 different outfits.*

For each t-shirt, there are four possible pairs of trousers.

This is the same as 3 lots of 4 different

You may choose one item from each column to make a sandwich. How many different combinations can you make?

Filling	Extra
Cheese	Lettuce
Peanut Butter	Onion
Turkey	Tomato
Chicken	Beetroot

There are 16 combinations.