

1 Dora has this money.



She spends 45p.

How much change does Dora get?

2 Tommy has this money.



He spends 41p.

How much change does Tommy get?

3 Alex has this money.



She spends 67p.

How much change does Alex get?

4 Nijah buys a lollipop for 15p.

She pays with a 50p coin.

How can we work out the change?

$15 - 50$ $50 + 15$ $15 + 50$ $50 - 15$

Talk about it with a partner.



5 Annie buys this book.

She pays with a £10 note.

How much change does Annie get?



6 Dexter buys these sweets.

He gives the shopkeeper £1 and 83p.

How much change does Dexter get?



7 Whitney, Jack and Amir each have £1

a) Whitney buys a bottle of water for 70p.

How much change does Whitney get?

b) Jack buys a box of raisins for 67p.

How much change does Jack get?

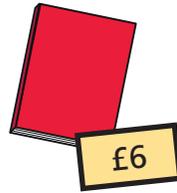
c) Amir buys a bottle of milk for 91p.

How much change does Amir get?

d) How did you work out your answers?



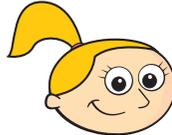
- 5** Annie buys this book.
She pays with a £10 note.
How much change does Annie get?



- 6** Dexter buys these sweets.
He gives the shopkeeper £1 and 83p.
How much change does Dexter get?

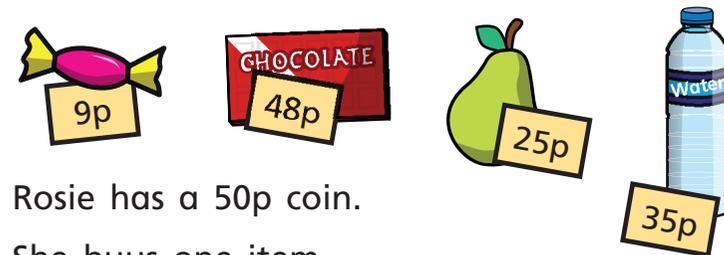


- 7** Whitney, Jack and Amir each have £1
- Whitney buys a bottle of water for 70p.
How much change does Whitney get?
 - Jack buys a box of raisins for 67p.
How much change does Jack get?
 - Amir buys a bottle of milk for 91p.
How much change does Amir get?
 - How did you work out your answers?

- 8**  I paid for a drink using one coin and I got £2 and 19p change.

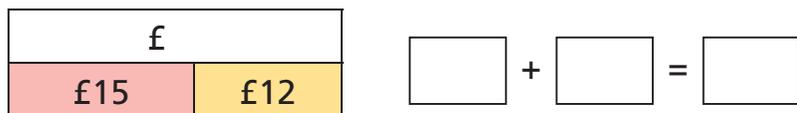
Eva is wrong. How do we know?

- 9** Rosie and Tom buy some of these items.

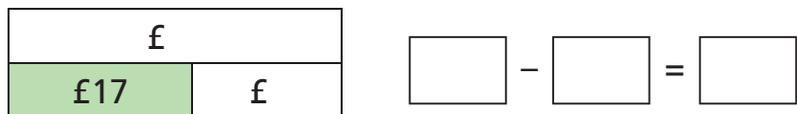


- Rosie has a 50p coin.
She buys one item.
Rosie's change is all silver coins and one of them is a 20p.
What did Rosie buy? How do you know?
- Tom has £1
What items could he buy?
How much change will he get?

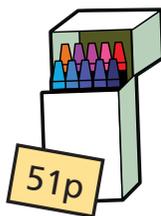
- 1** Annie has £15
Her mum gives her another £12
- a) How much money does Annie have now?
Complete the bar model and the number sentence.



- b) Annie buys this teddy.
How much money does she have now?
Complete the bar model and the number sentence.



- 2** Tommy has 35p in one hand and 27p in the other hand.
- a) How much money does Tommy have altogether?
Tommy buys this box of crayons.
- b) How much money does he have now?



- 3** Aisha has a £20 note.
- a) Aisha spends £7 on a cinema ticket.
How much change does she get?
- b) Aisha's mum gives her another £3
How much money does Aisha have now?



- 4** A shop sells these items.



- a) Ron buys a scarf and a box of marbles.
He pays with a £20 note.
How much change does he get?
- b) Kim buys a book and a pair of headphones.
She pays with a £50 note.
How much change does she get?

3 Aisha has a £20 note.

a) Aisha spends £7 on a cinema ticket.

How much change does she get?

b) Aisha's mum gives her another £3

How much money does Aisha have now?



4 A shop sells these items.



a) Ron buys a scarf and a box of marbles.

He pays with a £20 note.

How much change does he get?

b) Kim buys a book and a pair of headphones.

She pays with a £50 note.

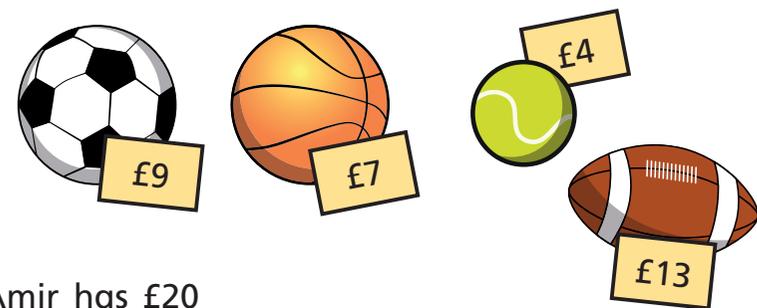
How much change does she get?

c) Teddy buys a cap and a packet of balloons.

He pays with a £10 note.

How much change does he get?

5



Amir has £20

He wants to buy 2 balls.

Which balls can he buy?

How much change will he get?

Is there more than one answer?

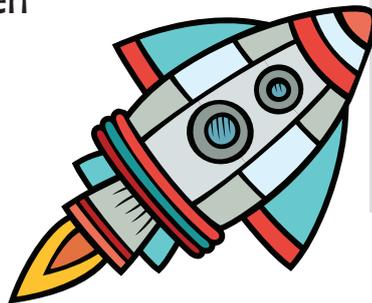


How To Build A Rocket

Do you want to go to space? How will you get there? You will need a rocket.

What you will need:

- An empty 2L plastic bottle (take off the label)
- Tape & glue stick
- Scissors & marker pen
- Cardboard box
- Toilet roll tube
- Wrapping paper tube
- Paint
- Coloured paper



RETRIEVAL FOCUS

1. What should the bottle be made of?
2. Where should you draw 4 fins?
3. What should you wrap on the window frame and nose cone?
4. What do you need to fuel your rocket?

1. Create the Rocket Body

You might need an adult to help you with this step. Remember to use scissors safely.

Cut completely through the bottle in a straight line. Do this $\frac{3}{4}$ of the way down the bottle. You should have two parts.

Draw a circle on the top part of the bottle. Cut out this circle. Be careful with the scissors. Be safe.



2. Add some more features

Draw 4 fins on the cardboard box. Then draw a 2cm thick ring. Cut out the ring to make a window frame. Then cut out the fins. Cut your wrapping paper tube into two small parts. These are the thrusters. Use your toilet roll tube to make a nose cone. Use tape to secure it.



3. Paint your Rocket

Wrap the nose cone and the window frame in tin foil. Tape the tin foil to the nose cone. Paint the thrusters black. Then paint the fins and the rocket body. Paint them any colour you like!



4. Finishing touches

Glue the fins, thrusters and window frame to the rocket. Then cut thin strips of the coloured paper. Glue the strips onto the thrusters. The rocket is firing up. Now you're ready for....

5. BLAST OFF!

Fly your rocket into space!!

Warning. You will need imagination to fuel it.



VIPERS QUESTIONS

I

Which activity is dangerous?

R

What colour should you paint the thrusters?

V

What word means to 'support' or 'strengthen'?

secure

wrapping

thrusters

S

Put these stages in the correct order, first to last:

Finishing touches

Build the Rocket Body

Blast off

Add some more features

Paint your Rocket

Answers

1. Plastic
2. Cardboard Box
3. Tin foil
4. Imagination

I: cutting / Using scissors

R: black

V: secure

S:

Build the Rocket Body

Add some more features

Paint your Rocket

Finishing touches

Blast off

Sunflower Plant Life Cycle

Sunflowers are a type of flowering plant. There are around 60 different types of sunflower! They can be yellow, dark red and orange.

1



What happens during the first stage?

Seed and Germinating Seed

The seed is planted in soil or compost in spring.
The seeds have a hard coat.
They are black and white striped or just black.
The seed begins to sprout roots after 1-2 weeks.

2



What happens during the second stage?

Seedling and Shoot

A seedling grows and a few leaves appear on the stem.
Roots grow underground.

3



What happens during the third stage?

Bud and Bloom

The plant grows taller and stronger, towards the sun.
After 30 days, the bud forms.
The flower head opens.
After around 90 days, the sunflower will be fully grown.

4



What happens during the fourth stage?

Wilt and Regrowth

The flower petals will start to wilt and the plant dies.
The flower shrivels and the seeds from its head fall.
Some of the seeds settle in the ground and begin the new sunflower's life cycle.

Questions about the Sunflower Plant Life Cycle

1. What are sunflowers?

2. How many different types are there?

3. Name a colour that sunflowers can be.

4. What is the seed planted in?

5. When is the sunflower seed planted?

6. What colour are the seeds?

7. What grows underground?

8. What does the plant grow towards?

9. What happens after the flower petals start to wilt?

Questions about the Sunflower Plant Life Cycle

Answers

1. What are sunflowers?

Sunflowers are a type of flowering plant.

2. How many different types are there?

There are around 60 different types of sunflower.

3. Name a colour that sunflowers can be.

Sunflowers can be yellow, dark red and orange. (Accept only 1)

4. What is the seed planted in?

The seed is planted in soil or compost.

5. When is the sunflower seed planted?

The seed is planted in spring.

6. What colour are the seeds?

Sunflower seeds can be black and white striped or just black.

7. What grows underground?

The sunflower's roots grow underground.

8. What does the plant grow towards?

The plant grows towards the sun.

9. What happens after the flower petals start to wilt?

The flower petals will start to wilt and the plant dies.