Cotsford
Primary School

Cotsford Primary School

# Home Learning

## Year 2
## Spring 1

# English and Topic activities

## Listen to 'Toys in Space' by Mini Grey. There are several videos to choose from on YouTube.

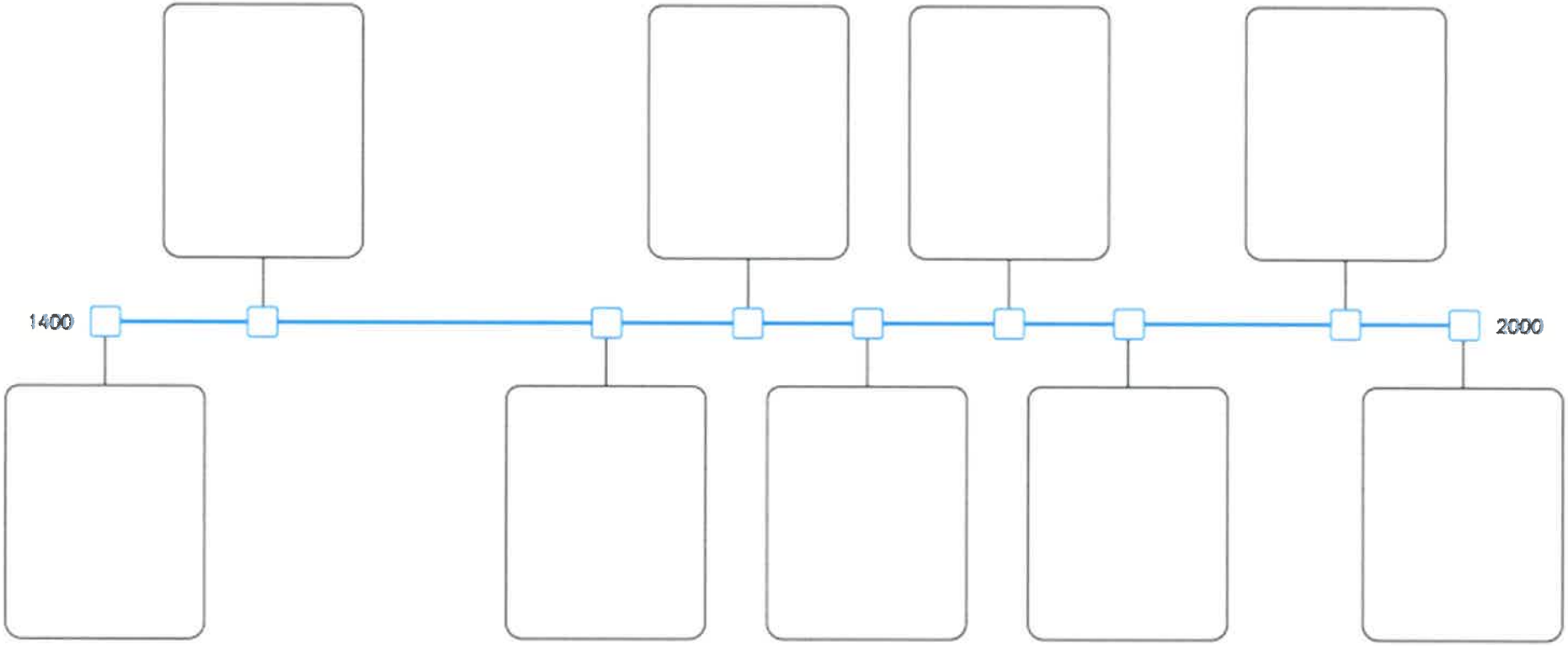
## Ideas to complete

- Write a new story with the title 'Toys in Space', 'Animals in Space' or 'Teachers in Space'.
- Create a new adventure for the toy characters in this story.
- When WonderDoll's story begins, a range of adjectives are used to describe the toys (e.g. resourceful, brave, clever...). Can you make a list of these and add your own adjectives?
- When the spaceship arrives, the author repeats the word bigger. Why is this? Can you think of some synonyms for the word 'bigger'?
- Add some speech / thought bubbles to the illustrations at different points in the story.
- Write a story about the alien who lost its toy.
- Create a 'Lost' poster to inform people about the missing toy.
- Write a story about one of the toys in the 'Room of a Thousand Lost Toys'.
- At one point in the story, the toys look up at the stars in space. Can you find out about space / stars and use the information to write a report?
- Can you find all of the **nouns, verbs and adjectives in the story?**
- Write sentences with the **conjunctions-and, or, but, so.**

Can you cut out the pictures and create a timeline?

Research one of the significant people

## Significant people timeline




Christopher Columbus
Born 1451

Paul Cézanne
Born 1839

Emmeline Pankhurst
Born 1858

Vincent van Gogh
Born 1853

Rosa Parks
Born 1913

Mary Anning
Born 1799

Henry VIII
Born 1491

Joseph Lister
Born 1827

Neil Armstrong
Born 1930

# Significant person

Name: _____

Lived: _____

Nationality: _____

Place of birth: _____

What big changes did they make in their lifetime?

_____

_____

_____

How did they make lots of people's lives better or worse?

_____

_____

_____

How did they change the way people think?

_____

_____

_____

How are their ideas still used today?

_____

_____

_____

What did they do that made them a very good or very bad role model?

_____

_____

_____

Compare the journeys of 2 famous people

## Comparing journeys

| |  **Christopher Columbus** 1492 Columbus' first voyage |  **Neil Armstrong** 1969 The first Moon landing |
|---|---|---|
| Destination | | |
| Transport | | |
| Technology | | |
| Reasons for the journey | | |
| Discoveries | | |
| Impact | | |
| Significance | | |

Research significant people today

# Significant people today

Draw lines to match each significant person to their current and possible impact then complete the sentence.

| | |
|---|---|
|  **Greta Thunberg** | People can travel to Mars. |
|  **Malala Yousafzai** | Children around the world enjoy reading. |
|  **Elon Musk** | People around the world can use the World Wide Web to find out information. |
|  **JK Rowling** | Both boys and girls around the world can go to school. |
|  **Tim Berners-Lee** | All the countries in the world agree to try to stop climate change. |

I think _____ will be the most significant person in the future because _____

_____

_____

Spelling rules

## Alternative Spelling for 'n': kn

# Missing Letters and Missing Words

Fill in the missing letters to create words with the 'kn' sound.

__ock

__ight

__ife

__ee

__itting

__ot

Fill in the missing letters to create words with the 'kn' sound.

I really hurt my _____ when I banged it on the table.

Bo loves to do some _____ after dinner when he's sat by the fire.

"Do you know how to tie this _____ ?"

You can cut those strawberries first, but be careful because the _____ is sharp.

The _____ saved the day by rescuing the princess.

"_____, _____."
"Who's there?"

# Alternative Spelling for 'n': gn

# Missing Letters and Missing Words

Fill in the missing letters to create words with the 'gn' sound.

__ome

si__


si__ed

desi__

__aw

__at

Fill in the missing letters to create words with the 'gn' sound.

I keep getting bitten by that annoying _____!

Everyone is going to _____ a new toy today and then we're going to make them.

My mum _____ the form so I could go on the school trip.

Bob the dog loves to _____ on a juicy bone.

Jivan has a new _____ to add to her garden.

"Follow the _____ Henry. It will take you down to the beach."

# Can you practise reading and writing the following words?

| Word | R | W |
|---|---|---|
| the | | |
| that | | |
| not | | |
| look | | |
| put | | |
| and | | |
| with | | |
| then | | |
| don't | | |
| could | | |
| a | | |
| all | | |
| were | | |
| come | | |
| house | | |
| to | | |
| we | | |
| go | | |
| will | | |
| old | | |
| said | | |
| can | | |
| little | | |
| into | | |
| too | | |
| in | | |
| are | | |
| as | | |
| back | | |
| by | | |
| he | | |
| up | | |
| no | | |
| from | | |

| Word | R | W |
|---|---|---|
| day | | |
| I | | |
| had | | |
| mum | | |
| children | | |
| made | | |
| of | | |
| my | | |
| one | | |
| him | | |
| time | | |
| it | | |
| her | | |
| them | | |
| Mr | | |
| I'm | | |
| was | | |
| what | | |
| do | | |
| get | | |
| if | | |
| you | | |
| there | | |
| me | | |
| just | | |
| help | | |
| they | | |
| out | | |
| down | | |
| now | | |
| Mrs | | |
| on | | |
| this | | |
| dad | | |

| Word | R | W |
|---|---|---|
| came | | |
| called | | |
| she | | |
| have | | |
| big | | |
| oh | | |
| here | | |
| is | | |
| went | | |
| when | | |
| about | | |
| off | | |
| for | | |
| be | | |
| it's | | |
| got | | |
| asked | | |
| at | | |
| like | | |
| see | | |
| their | | |
| saw | | |
| his | | |
| some | | |
| looked | | |
| people | | |
| make | | |
| but | | |
| so | | |
| very | | |
| your | | |
| an | | |

# Who Is Buzz Aldrin?

Edwin 'Buzz' Aldrin was born on 20th January 1930, in America. When he was younger, his sister called him Buzz. People have continued to call him this throughout his life.

**What Is He Famous For?**

In 1969, along with two other astronauts, Buzz travelled on a spacecraft called Apollo 11. The shuttle landed and Buzz Aldrin became the second person to walk on the Moon. The walk was shown on live television and was watched by 600 million people all over the world.

Buzz spent over two hours outside of the spacecraft and collected around eighteen kilograms of moon rocks.

# Quick Questions

1. Where was Buzz born?

_____

2. In what year did Buzz walk on the Moon?

_____

3. Why do you think so many people watched the Moon landing on television?

_____

_____

_____

_____

4. What do you think happened when Buzz came back to Earth?

_____

_____

_____

_____

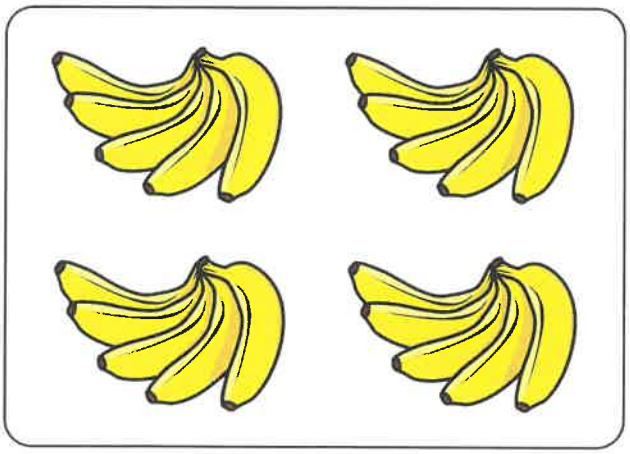
_____

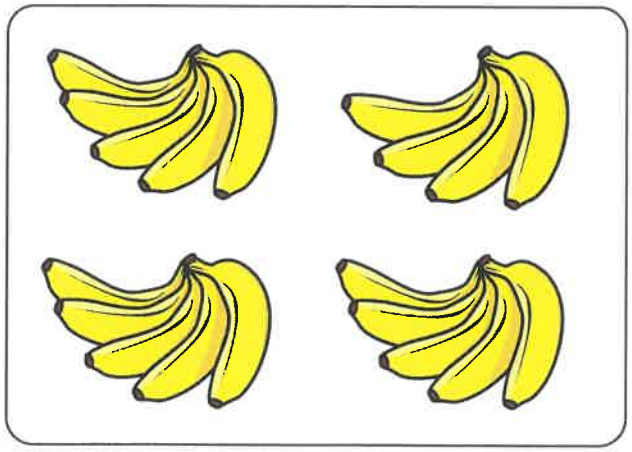
0 1 2 3 4 5 6 7 8 9 10

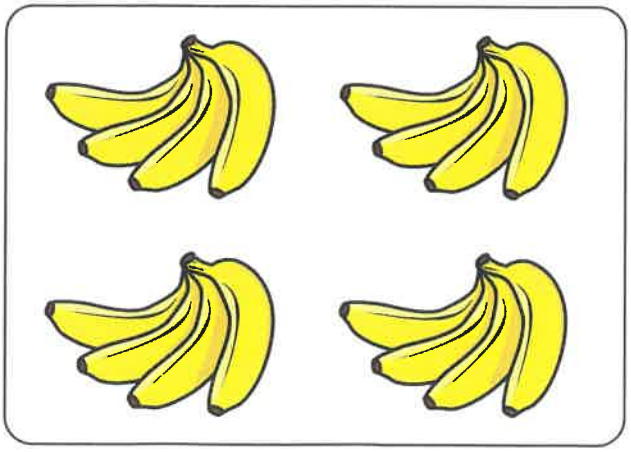
11 12 13 14 15 16 17 18 19 20

# Make equal groups

1 Match the pictures to the labels.





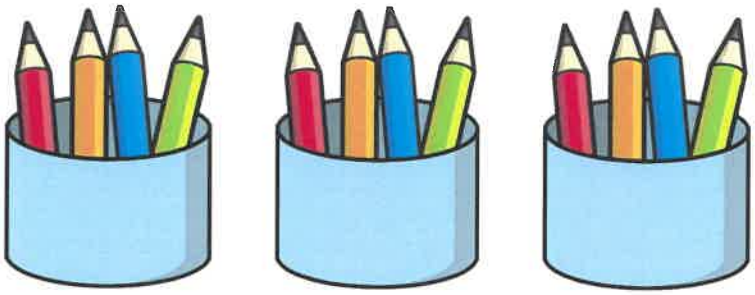


equal groups

unequal groups

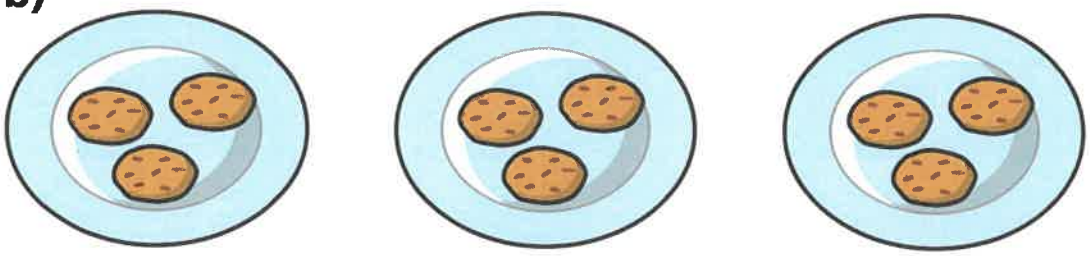
**2** Complete the sentences.

a)



There are ☐ equal groups of ☐

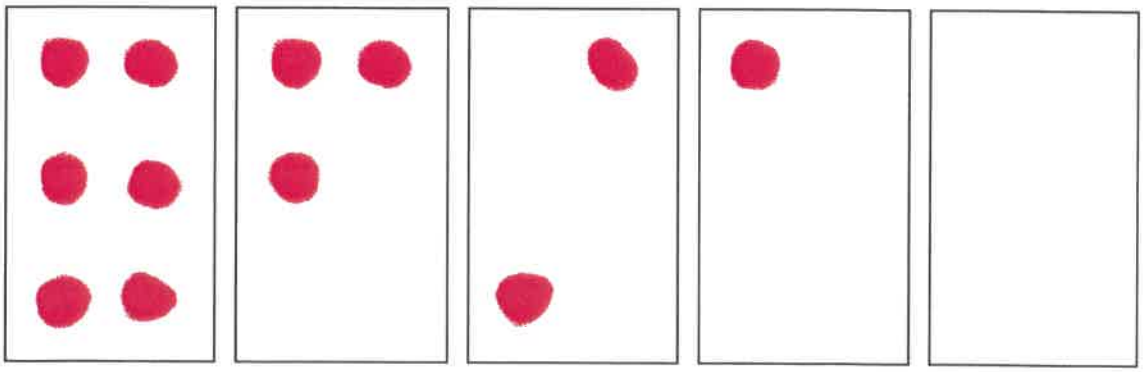
b)



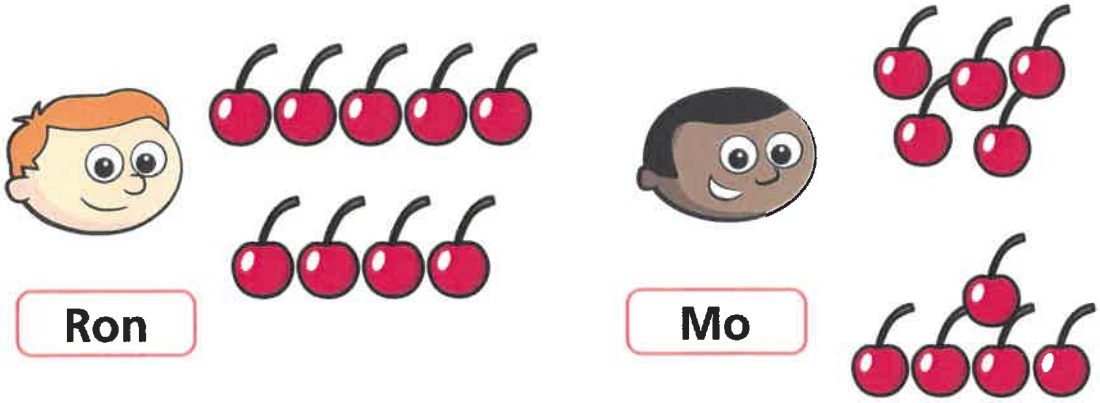
There are ☐ equal groups of ☐

**3** Kim is drawing 5 equal groups of 6

Finish Kim's drawing.



**4** Ron and Mo have some cherries.




Who has made equal groups? _____

How do you know?

**5** Use objects in your classroom to make these groups.

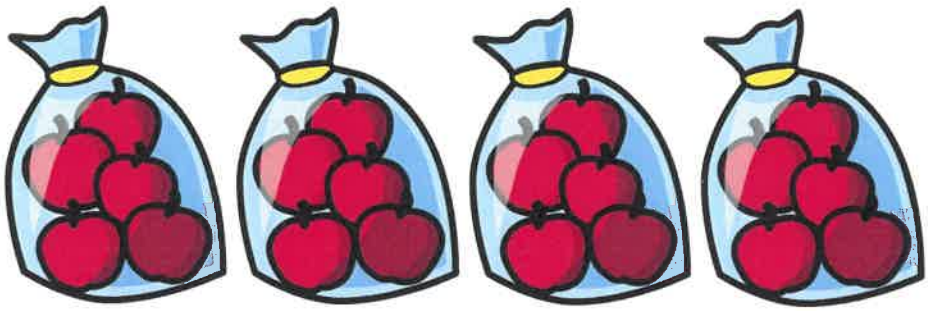
- 5 equal groups of 3
- 3 equal groups of 5
- 4 equal groups of 6
- 2 equal groups of 10

Talk about your answers.

© White Rose Maths 2020

# Add equal groups

1 Complete the sentences.



There are ☐ apples in each bag.

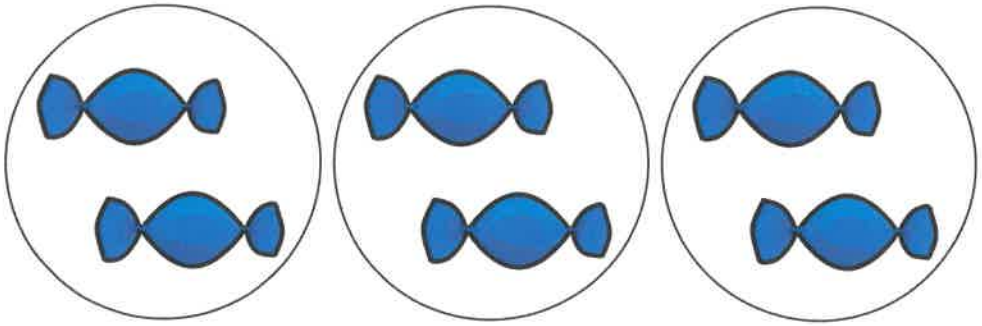
There are ☐ bags.

There are ☐ equal groups of ☐

There are ☐ apples altogether.

☐ + ☐ + ☐ + ☐ = ☐

2 How many sweets are there?



[ ] + [ ] + [ ] = [ ]

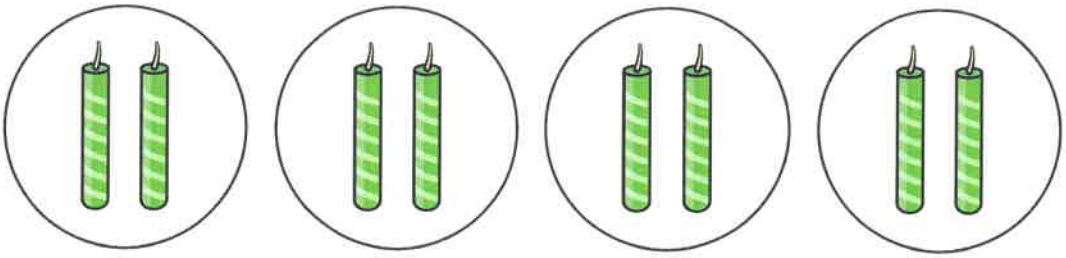
There are [ ] sweets.

3 How many marbles are there?


[ ] + [ ] + [ ] = [ ]

There are [ ] marbles.

**4** How many candles are there?



☐ + ☐ + ☐ + ☐ = ☐

There are ☐ candles.

**5** Use counters to show the equal groups.

Complete the number sentences.

**a)** 2 + 2 + 2 + 2 = ☐

**b)** 5 + 5 + 5 + 5 + 5 = ☐

**6** There are 7 equal groups of 5 counters.

How many counters are there altogether?

There are ☐ counters altogether.

© White Rose Maths 2020

# Recognising coins

**1** Match the coin to the amount.









| |
|---|
| 20 pence |
| 5 pence |
| 10 pence |
| 1 pound |
| 1 pence |
| 50 pence |
| 2 pence |
| 2 pounds |

**2** Here are some coins.

Complete the sentences.

There are ☐ 1p coins.

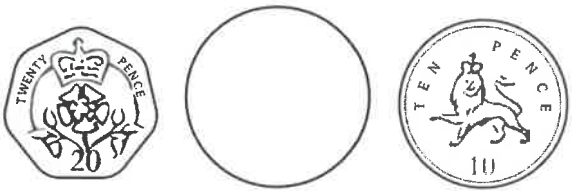
There are ☐ 2p coins.

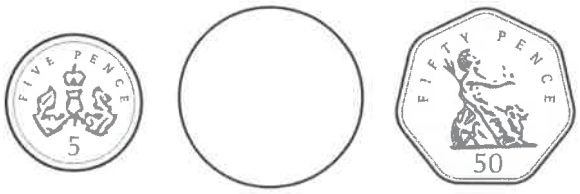
There is ☐ 5p coin.

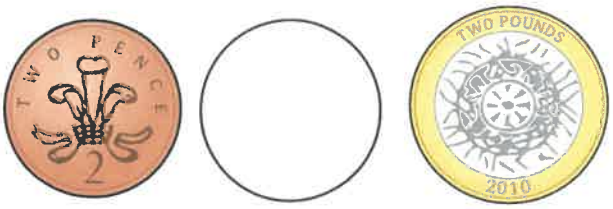
There are ☐ 10p coins.

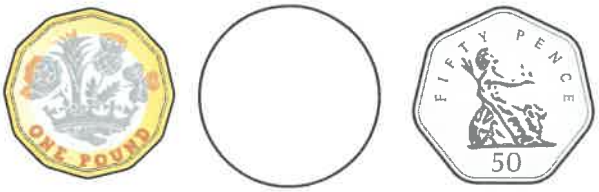
There are ☐ 20p coins.

**3** Write < or > to compare the amounts.

a) 

b) 

c) 


d) 


**4** Mo has one coin in his hand.


Draw Mo's coin.

What is the value of Mo's coin? ☐ p

Is there more than one answer?

© White Rose Maths 2020

# Recognising notes

1 Match the note to its value.





| |
|---|
| 5 pounds |
| 20 pounds |
| 10 pounds |
| 50 pounds |

2 Dan has two £10 notes and one £5 note.

Circle the notes that Dan has.

## 3 Here are some notes.

Complete the sentences.

There are ☐ £5 notes.

There are ☐ £10 notes.

There are ☐ £20 notes.

There are ☐ £50 notes.

## 4 Tick the note with the smaller value.

a) 

b) 

c) 

**5** Write <, > or = to compare the amounts.

a)  ◯ 50 pounds

b) 20 pounds ◯ 

c)  ◯ 10 pounds

**6** Kim has some money.


Do you agree with Kim? _____

Talk about your answer.

© White Rose Maths 2020

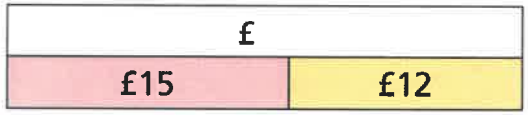
# Two-step problems

**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.

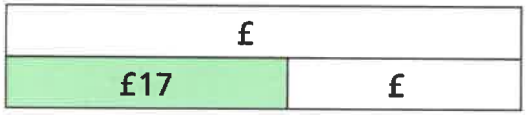



☐ + ☐ = ☐

**b)** Annie buys this teddy.


How much money does she have now?

Complete the bar model and the number sentence.



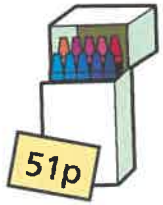

☐ − ☐ = ☐

**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?


☐

© White Rose Maths 2019

**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.

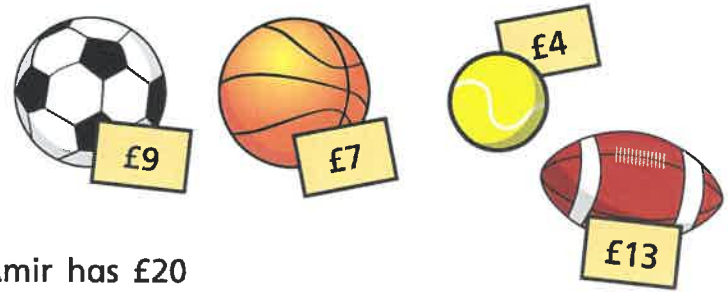
How much change does she get?

**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?

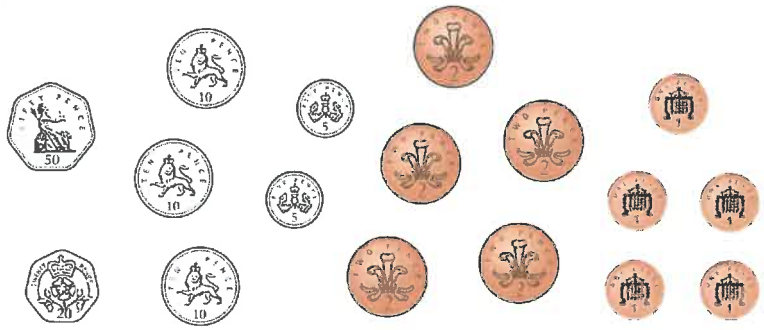
How much change will he get?

Is there more than one answer?

© White Rose Maths 2019

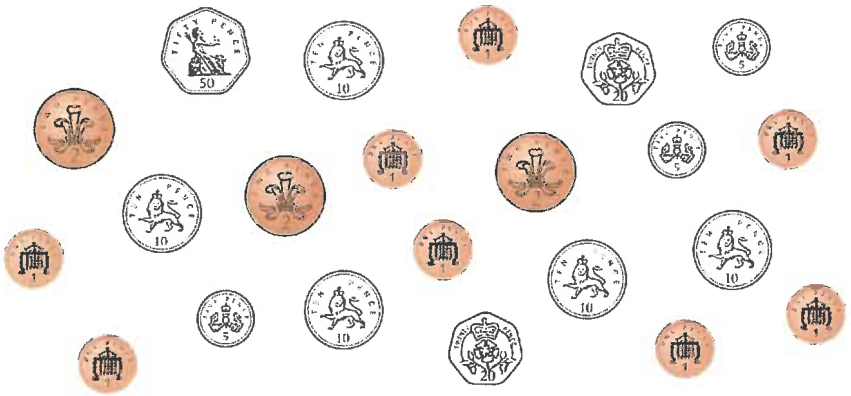
# Select money

**1** Circle 67p.



Is there another way to do it?

**2** Circle three coins to show 57p.



**3** Circle £68

Is there another way to do it?

**4** Which pictures do **not** show £5 and 20p?

Tick your answers.

☐

☐

☐

☐

© White Rose Maths 2019

**5** Draw coins to show the amount of money.

**a)** 52p

**b)** £8

**c)** £2 and 23p

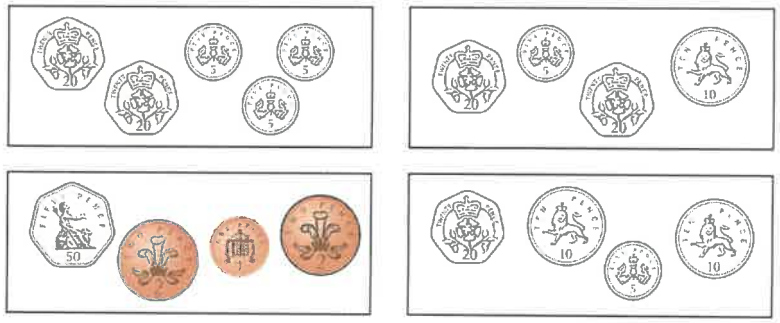
**6** Tommy wants to buy this comic book.

He has this money.


Circle the coins Tommy can use.

**7** Which set of coins is the odd one out?

Tick your answer.



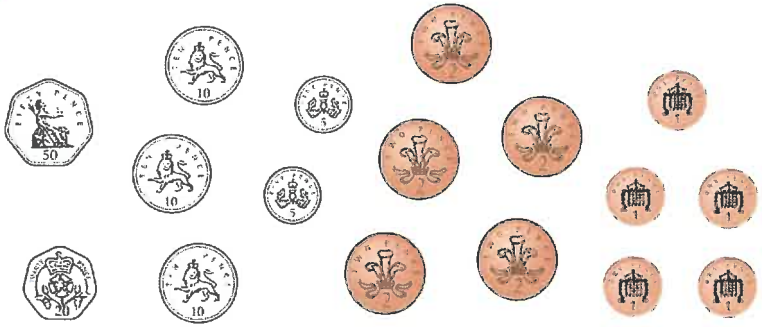
How did you work this out?

Compare answers with a partner.

© White Rose Maths 2019

# Select money

**1** Circle 67p.



Is there another way to do it?

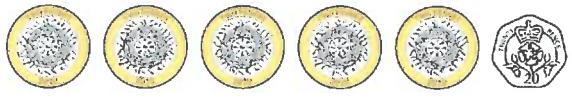
**2** Circle three coins to show 57p.

**3** Circle £68

Is there another way to do it?

**4** Which pictures do **not** show £5 and 20p?

Tick your answers.



☐

☐

☐

☐

© White Rose Maths 2019

**5** Draw coins to show the amount of money.

**a)** 52p

**b)** £8

**c)** £2 and 23p

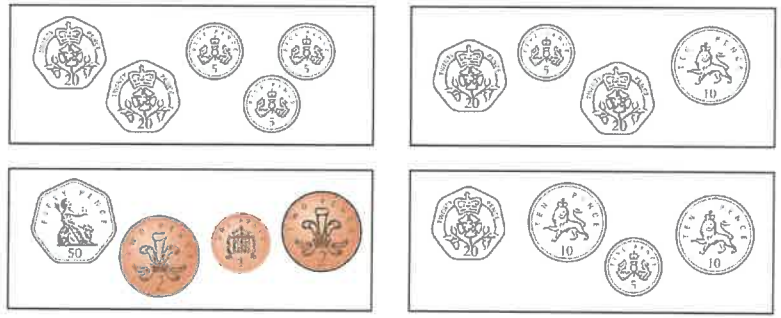
**6** Tommy wants to buy this comic book.

He has this money.


Circle the coins Tommy can use.

**7** Which set of coins is the odd one out?

Tick your answer.



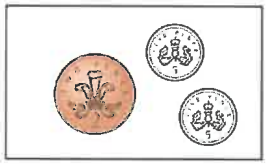
How did you work this out?

Compare answers with a partner.

© White Rose Maths 2019

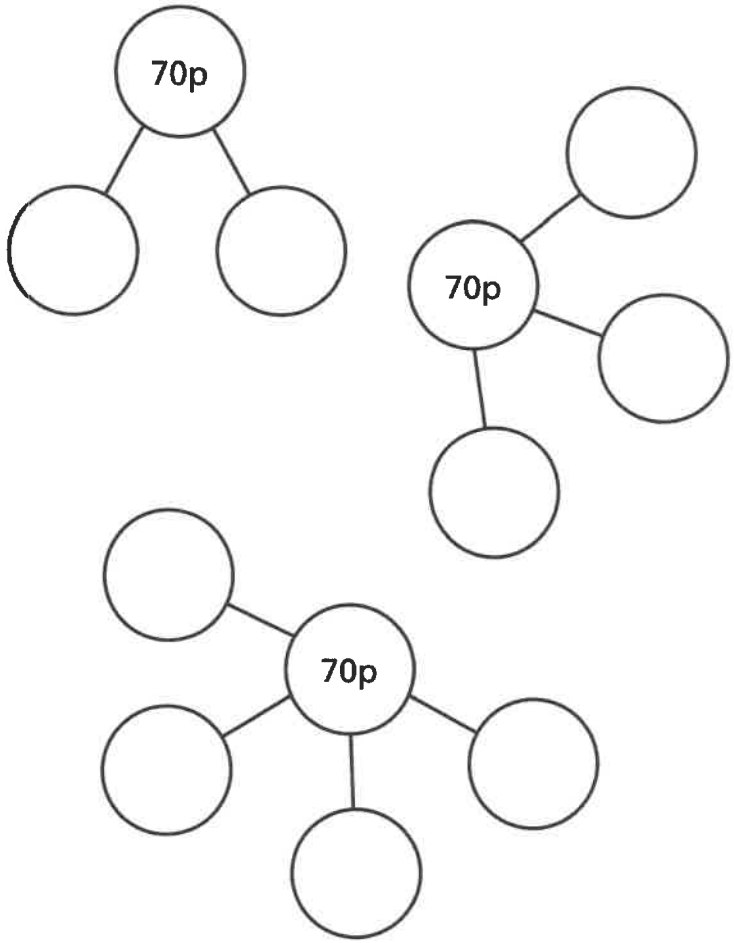
# Make the same amount

**1** Match the amounts.



**2** Rosie is making 70p in different ways.

**a)** Complete the part-whole models to show the coins Rosie can use.




**b)** Can you make 70p in any other ways?

Talk about it with a partner.

© White Rose Maths 2019

**3**


**a)** What notes could Ron have?

_____

**b)** What is the fewest number of notes Ron could have?

Which notes are they?

_____

**c)** What is the greatest number of notes Ron could have?

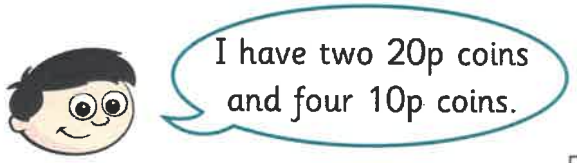
Which notes are they?

_____

**4** Represent £4 and 51p in two different ways.

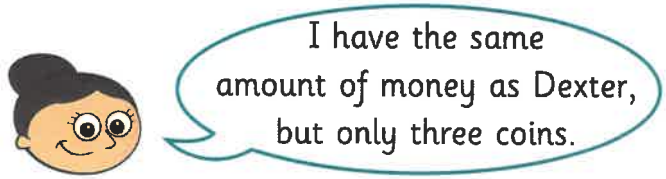
**5** Dexter, Dora and Rosie each have some money.

**a)**



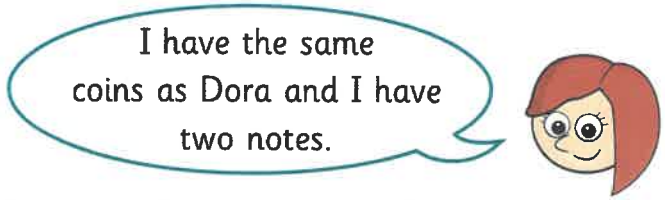

How much money does Dexter have?

**b)**




Draw Dora's coins.

**c)**




How much money could Rosie have?

£ _____ and _____ p

Compare answers with a partner.

© White Rose Maths 2019

# The 2 times-table

**1** Write a fact from the 2 times-table to match the picture.

**a)**

☐ × ☐ = ☐

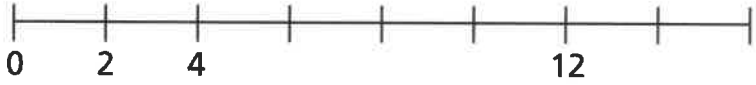
**b)**

☐ × ☐ = ☐

**c)**


☐ × ☐ = ☐

**2** **a)** Complete the number line.




**b)** Which times-table does the number line show?

Tick your answer.

1 times-table  2 times-table

3 times-table

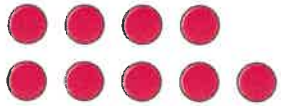
How do you know?

**3** Complete the array and times-table fact so that they match.

**a)**

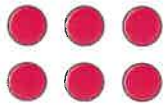
2 × 2 = ☐

**b)**



2 × 5 = ☐

**c)**



2 × ☐ = 8

© White Rose Maths 2019

**4** Complete the number sentences.

a) 3 × 2 = ☐

b) ☐ = 9 × 2

c) 2 × 5 = ☐

d) 2 × ☐ = 4

e) 12 = ☐ × 2

f) ☐ = 12 × 2

g) 2 × ☐ = 2

h) 2 × 0 = ☐

i) 14 = 2 × ☐

j) ☐ × 2 = 22

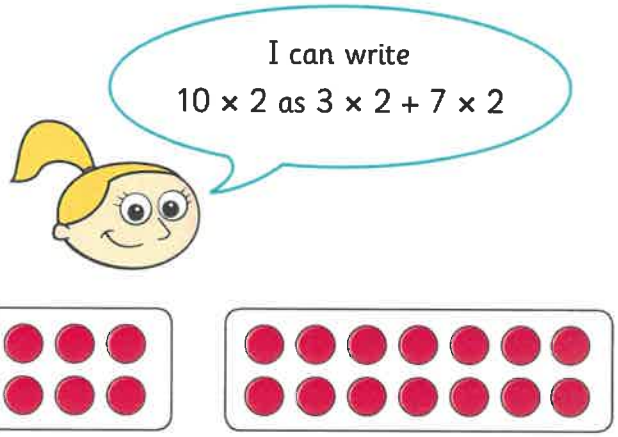
**5** Teddy has £8

Rosie has twice as much money as Teddy.

How much money does Rosie have?

Rosie has £ ☐

**6** Eva is writing 10 × 2 in different ways.




Find three more ways that you can write 10 × 2

Use counters to help you.

☐ × ☐ + ☐ × ☐

☐ × ☐ + ☐ × ☐

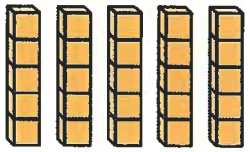
☐ × ☐ + ☐ × ☐

Compare answers with a partner.

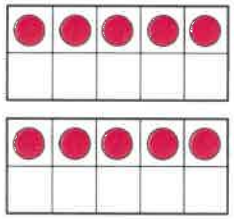
© White Rose Maths 2019

# The 5 times-table

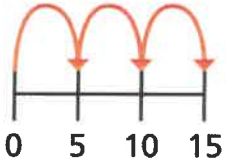
**1** **a)** Match the picture to the times-table fact.



3 × 5



2 × 5

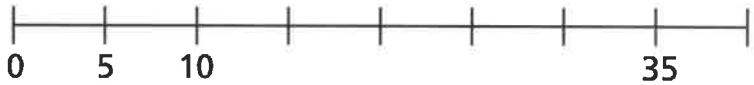



1 × 5

5 × 5

**b)** Draw a picture to show 4 × 5

**2** **a)** Complete the number line.




**b)** Which times-table does the number line show?

Tick your answer.

1 times-table  2 times-table

5 times-table

How do you know?

© White Rose Maths 2019

**3** Complete the number sentences.

a) $5 \times 5 = \square$

b) $\square = 9 \times 5$

c) $5 \times 6 = \square$

d) $5 \times \square = 40$

e) $35 = \square \times 5$

f) $\square = 11 \times 5$

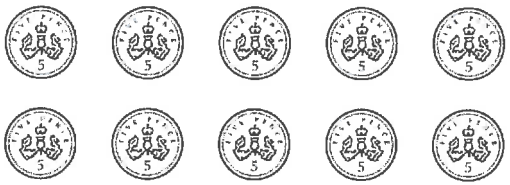
g) $5 \times \square = 5$

h) $5 \times 0 = \square$

i) $10 = 5 \times \square$

j) $\square \times 5 = 60$

**4** How much money does Ron have?



Complete the multiplication.

$\square \times \square = \square$

Ron has $\square$ p.

**5** Write <, > or = to compare the calculations.

| | | |
|---|---|---|
| $7 \times 5$ | ○ | $5 \times 8$ |
| $6 \times 5$ | ○ | $4 \times 5 + 2 \times 5$ |
| $2 \times 5$ | ○ | $3 \times 5 - 1 \times 5$ |
| $12 \times 2$ | ○ | $2 \times 12$ |

**6** A sandwich costs £2 and a box of crayons costs £5


Jack buys 5 sandwiches and 3 boxes of crayons.

How much does he spend in total?

Jack spends £ $\square$

© White Rose Maths 2019

# The 10 times-table

**1** How many cookies are there?


☐ × 10 = ☐

There are ☐ cookies.

**2** Complete the multiplication fact to match the bar model.

a)

| 40 | | | |
|---|---|---|---|
| 10 | 10 | 10 | 10 |

☐ × ☐ = ☐

b)

| | | | | | | |
|---|---|---|---|---|---|---|
| 10 | 10 | 10 | 10 | 10 | 10 | 10 |

☐ × ☐ = ☐

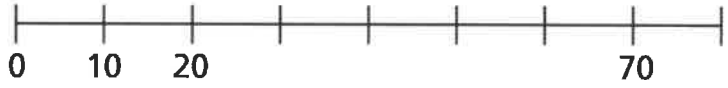
c)

| 100 | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

☐ × ☐ = ☐

**3** Draw a bar model to represent 5 × 10

**4** a) Complete the number line.




b) Which times-table does the number line show?

Tick your answer.

10 times-table  5 times-table  1 times-table

How do you know?

© White Rose Maths 2019

**5** Complete the number sentences.

a) 2 × 10 = ☐

b) ☐ = 7 × 10

c) 10 × 4 = ☐

d) 10 × ☐ = 110

e) 80 = ☐ × 10

f) ☐ = 10 × 10

g) 10 × ☐ = 10

h) 10 × 0 = ☐

i) 30 = 10 × ☐

j) ☐ × 10 = 90

**6** Eva is 7 years old.

Her gran is 10 times older.

How old is Eva's gran?

Eva's gran is ☐ years old.

**7** Four children each have some money.

Teddy has this money.

Dora

I have twice as much money as Teddy.

I have five times as much money as Teddy.

Jack

I have ten times as much money as Dora.

Rosie

How much money do they each have?

Teddy has ☐ p

Dora has ☐ p

Jack has ☐ p

Rosie has ☐ p

© White Rose Maths 2019