

Add Equal Groups

Adult Guidance with Question Prompts



Children find totals by adding equal groups of two, five or ten (not exceeding a total of 50). They use pictures and practical equipment to support their investigations. In this activity, children use pictures to add groups of twos or fives. They practise saying stem sentences and recording calculations. Children then apply their knowledge of number patterns to extend the challenge.

How many pairs of socks can you see?

How many socks are in each pair?

Can you read the calculation?

What can you do to find the total?

How many socks would you have if you had one more pair?

How many bunches of balloons can you see?

How many balloons are in each bunch?

Can you complete the sentence?

What would the calculation look like?

How could you find the total if there was one more bunch?

Adult-led activity:

Can you make some equal groups using objects in the classroom?

What can you say to add them up?

'There are __ groups of __.' 'There are __ altogether.'

Add Equal Groups



There are pairs of socks.



How many socks altogether?

$$2 + 2 + 2 = \square$$

What if there was 1 more pair?

There are bunches of balloons.



How many balloons altogether?

$$\square + \square + \square + \square = \square$$

What if there was 1 more bunch?

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Children find totals by adding equal groups of two, five or ten (not exceeding a total of 50). They use pictures and practical equipment to support their investigations. Children record written calculations and say stem sentences to share their findings. Here, children use their knowledge of adding equal groups to answer a true or false question and choose the correct statement or calculation to match a picture.

How many groups are there?

How many cakes are there in each group?

There are two groups of four cakes. Is this true or false?

What is the total? Can you count in fives to add the groups?

Are there three groups of five? How many groups are there? How many are in each group?

Can you write the calculation? How many are in the first group? Which sign should we use?

Adult-led activity:

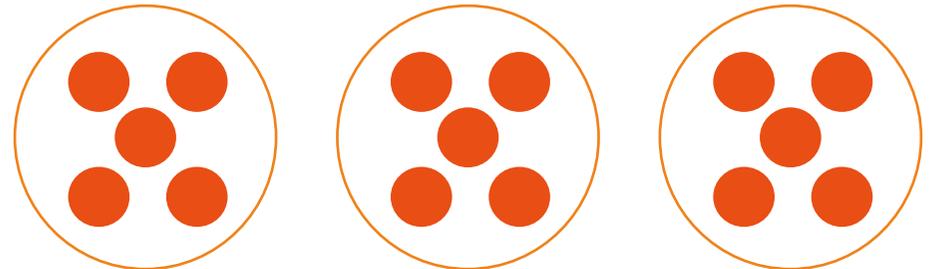
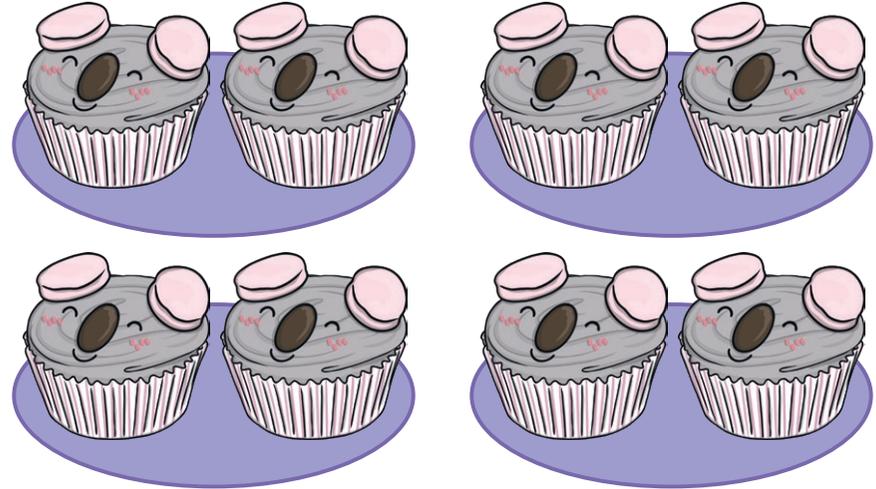
Make or draw three equal groups and write the calculation to match.

Add Equal Groups



There are 2 groups of 4 cakes.

True or false?



Tick the right one.

- The total is 20.
- There are 3 groups of 5.
- $3 + 3 + 3$

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Children find totals by adding equal groups of two, five or ten, not exceeding a total of 50. They make links with real-life examples. Pictures and practical equipment are used to support their investigations. Children use written calculations to make links with practical investigations. Here, children investigate different ways to reach the same total by counting in groups of ten, five and two. They also consider how many more groups they need to reach a total.

How many cups are in two groups of ten/four groups of five?

Is the statement true or false?

The groups of ten cups make 20 and the groups of five cups make 20. If you had groups of two cups, how many groups would you need to make 20?

How many plates can you see?

How many cakes are on each plate?

How many cakes are there altogether?

How many plates will make a total of 30 cakes?

How many more plates of cakes are needed?

Adult-led activity:

How many different ways can you find to make a total of 30 with equal groups of two, five or ten?

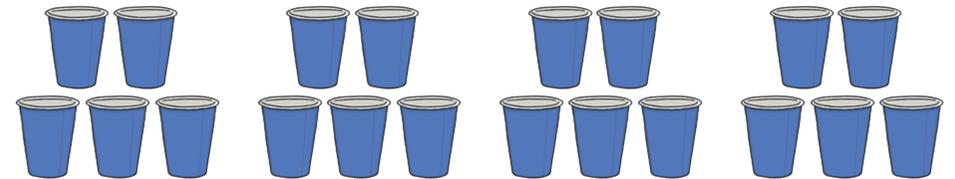
Insert question prompts questions here.

Add Equal Groups



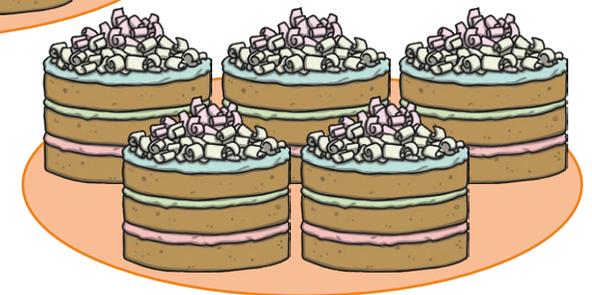
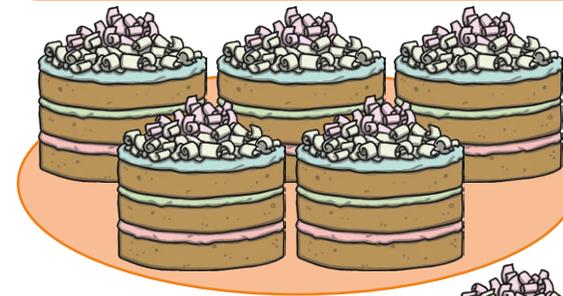
True or false?

2 groups of 10 cups is more than 4 groups of 5 cups.



I need 30 cakes.

How many more plates do I need?



Equal groups

Josh is drawing equal groups of two



Complete his drawing.

Josh has _____ groups of _____ strawberries.

He has _____ strawberries altogether.

Josh is drawing equal groups of two

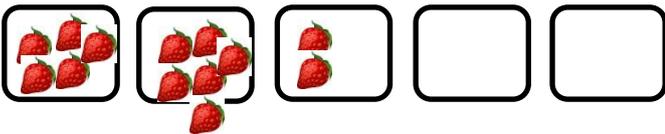


Complete his drawing.

Josh has _____ groups of _____ strawberries.

He has _____ strawberries altogether.

Josh is drawing equal groups of five.



Complete his drawing.

Josh has _____ groups of _____ strawberries.

He has _____ strawberries altogether.

Equal groups

Josh is drawing equal groups of fives



Complete his drawing.

Josh has _____ groups of _____ strawberries.

He has _____ strawberries altogether.

Josh is drawing equal groups of three



Complete his drawing.

Josh has _____ groups of _____ strawberries.

He has _____ strawberries altogether.

Problem solving

There are 20 pigs.

Simon shares the pigs into four equal groups.

Sally shares the pigs into four unequal groups.

Can you show how Simon and Sally shared the pigs?



Simon

--	--	--	--

Sally

--	--	--	--

Problem solving

There are 15 dogs.

Simon shares the dogs into three equal groups.

Sally shares the dogs into three unequal groups.

Can you show how Simon and Sally shared the dogs?



Simon

--	--	--

Sally

--	--	--

Problem solving

There are 30 sheep.

Simon shares the sheep into five equal groups.

Sally shares the sheep into five unequal groups.

Can you show how Simon and Sally shared the sheep?



Simon

--	--	--	--	--

Sally

--	--	--	--	--



UFOs

Have you ever seen a strange light in the sky? Lots of people say they have. A UFO is an Unidentified Flying Object. They are the things in the sky that we can't explain. UFOs can be all sizes and sizes.

People say UFOs might be alien spaceships! There is no proof that they are. Let's look at two famous sightings...

RETRIEVAL FOCUS

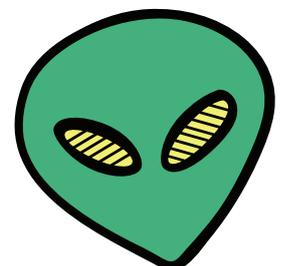
1. What is the longer name for a UFO?
2. What was Kenneth Arnold's job?
3. Who did the farmer ask for help first?
4. Where was the Roswell wreckage actually from?

Kenneth Arnold, 1947

Kenneth Arnold was a pilot. He was flying a small plane. Then something strange happened. Kenneth saw nine objects flying through the sky. They were flying very fast. Faster than any plane!

The Second World War had just finished. Kenneth didn't think it was aliens. He thought it was the military, but it wasn't. No one knew what had happened. Other people said they saw the strange objects too.

Kenneth described the objects. He said they looked like flying saucers.



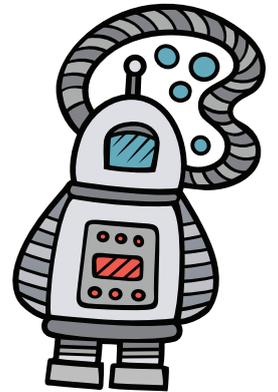
Roswell

Roswell is in the United States of America. In 1947, Something strange happened.

A farmer found a strange object in his field. It had fallen out of the sky. What was it? He couldn't explain it. He thought there had been a crash.

The farmer asked the sheriff of the town. The sheriff didn't know. The sheriff asked the military. They said they didn't know. No one knew. It looked like a flying saucer!

For many years, people were confused. Some people said it must be aliens. Eventually, the truth came out. It wasn't aliens. The wreckage was from a weather balloon. It wasn't a flying saucer.



VIPERS QUESTIONS

- I** Do all UFO's look the same?
- I** Did Kenneth blame aliens for what he saw?
- V** What is another term for UFO's and Unidentified Flying Objects?
Flying Saucers Roswell Military
- V** What word means 'after a long time'?
Weird Many Eventually

Answers

1. Unidentified flying object
2. A pilot
3. The sheriff (of the town)
4. A weather balloon

I: No (they come in all shapes and sizes)

I: The Military / The Second World War / Planes

V: Flying Saucers

V: Eventually

Look, Say, Cover, Write and Check!

Tick the columns as you follow the instructions from left to right. Make sure you spell the words in the 'write' column. If you spell the word incorrectly, write it again in the 'correction' column.

	Look	Say	Cover	Write	Check	Correction
knock						
know						
knee						
knitting						
knife						
gnat						
gnaw						
gnash						
gnome						
gnarled						

'gn', 'kn' or 'wr' Spelling Activity

1. Fill in the missing letters with 'gn', 'kn' or 'wr'.

___ __ at ___ __ ock ___ __ ow ___ __ ap
___ __ itten ___ __ ight ___ __ ee ___ __ ite
___ __ aw ___ __ ong

2. Now fill in the missing words.

I heard a _____ on the door.

Mum had lots of presents to _____ .

The _____ wore his shiny armour.

Telling lies is _____ .

My hamster tried to _____ through the cage.

I've _____ a funny story about a cat and a mouse.

"Please, put your hand up if you _____ the answer." said Miss Brown.

I've decided to _____ a poem about my best friend.

Gary grazed his _____ outside in the playground.

The nasty _____ bit me!

'gn', 'kn' or 'wr' Spelling Activity Answers

1. Fill in the missing letters with 'gn', 'kn' or 'wr'.

gnat

knock

know

wrap

written

knight

knee

write

gnaw

wrong

2. Now fill in the missing words.

I heard a **knock** on the door.

Mum had lots of presents to **wrap**.

The **knight** wore his shiny armour.

Telling lies is **wrong**.

My hamster tried to **gnaw** through the cage.

I've **written** a funny story about a cat and a mouse.

"Please, put your hand up if you **know** the answer." said Miss Brown.

I've decided to **write** a poem about my best friend.

Gary grazed his **knee** outside in the playground.

The nasty **gnat** bit me!