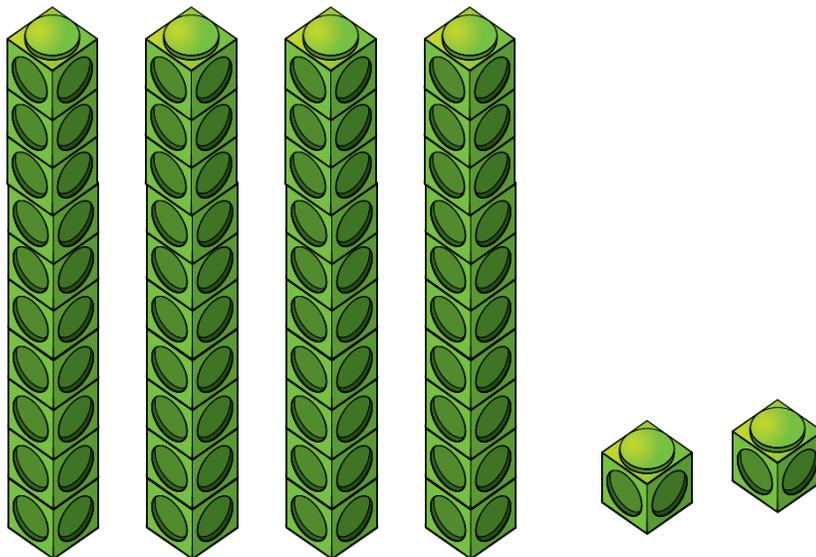


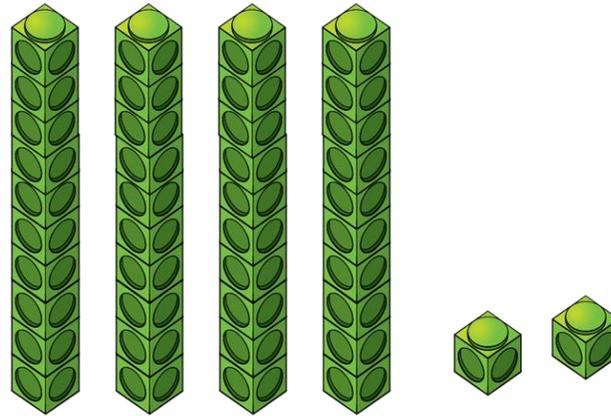
# True or False ?

Tens and ones



$$4 + 2 = 42$$

False



$$40 + 2 = 42$$

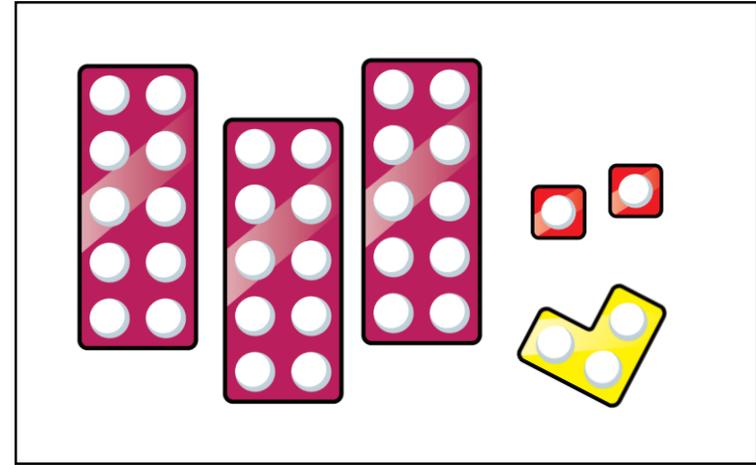
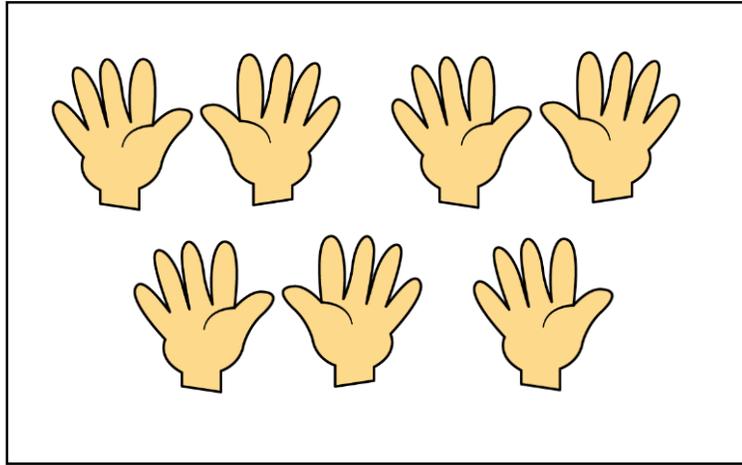


There are 32 muffins.

False

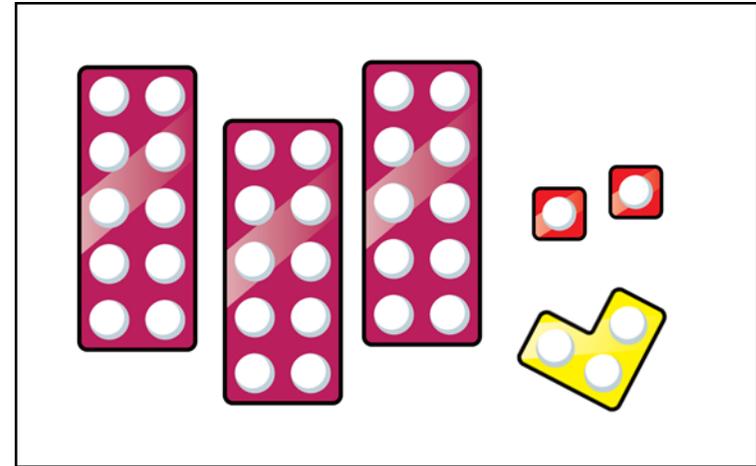
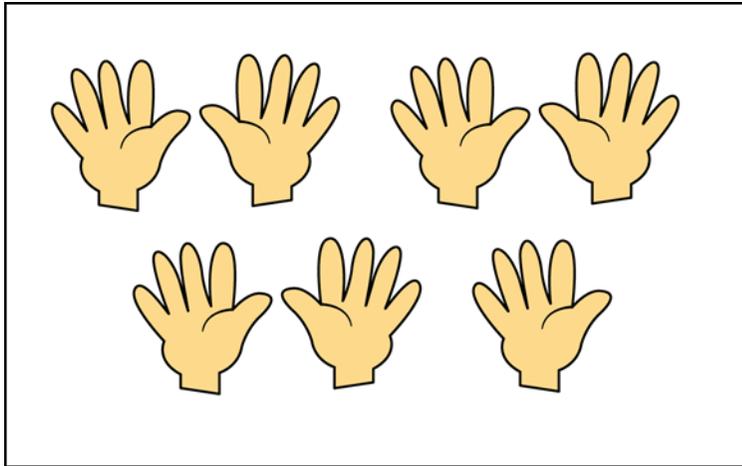


There are 23 muffins.



Both pictures show the same number.

True



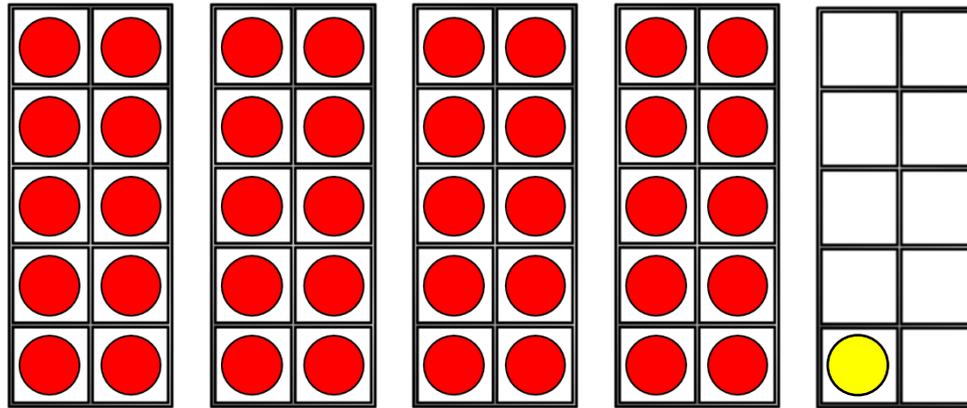
They both show 35

True or False ?

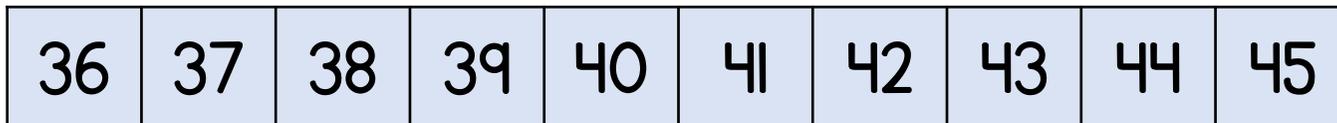
One more one less

39 is one less than 41

False

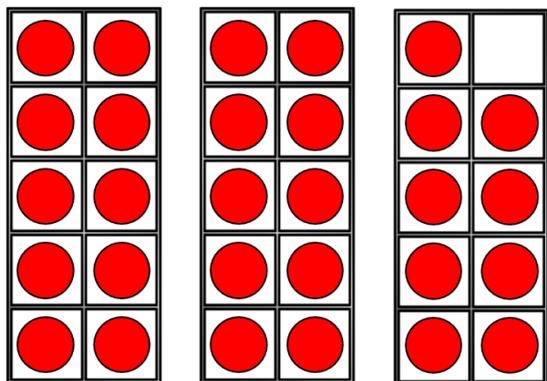


40 is one less than 41



# True or False ?

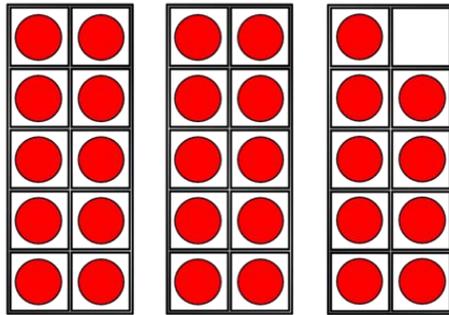
Compare objects within 50



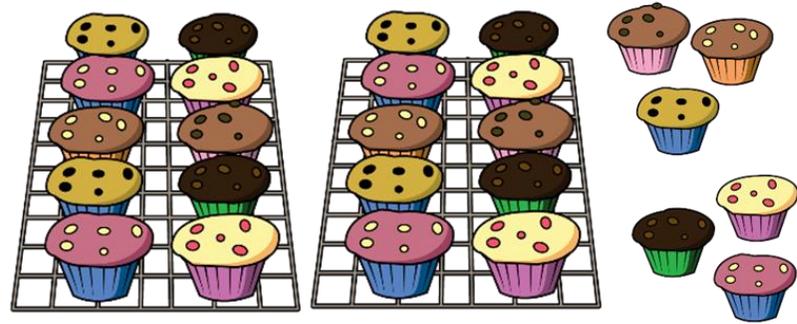
>



## False

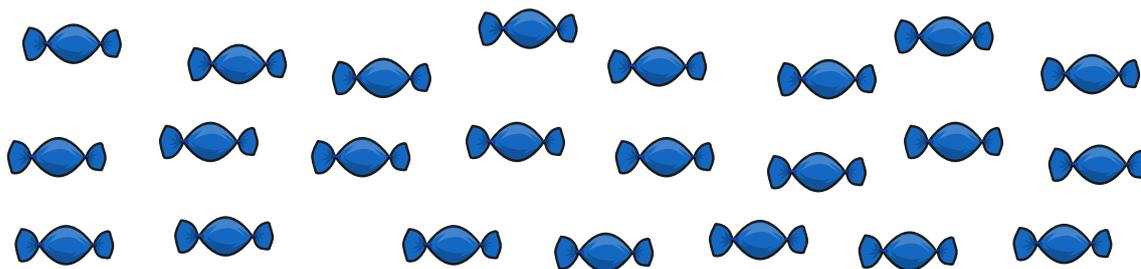


>



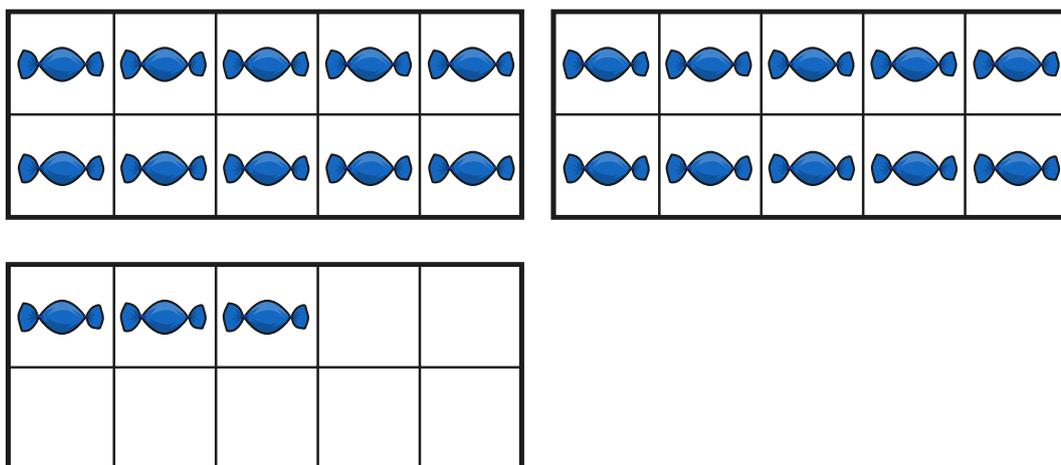
$$29 > 26$$

**I** a) How many sweets are there?



There are  sweets.

b) How many sweets are there?



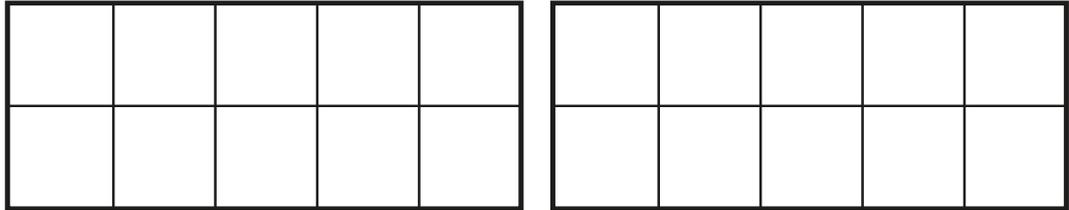
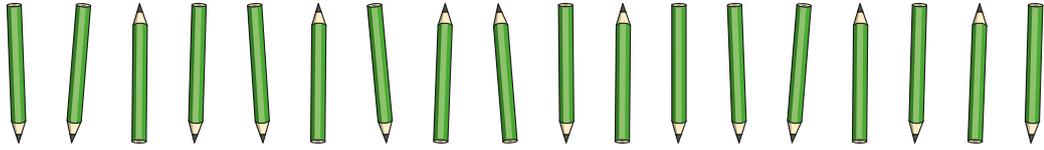
There are  sweets.

c) Which were easier to count? Why?





- 2 a) Draw counters to show how many pencils there are.



- b) Complete the sentence.

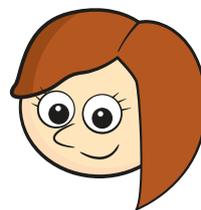
There are  pencils.

- c) How do you know you have counted them all?



3

I am going to count  
from 21 to 36



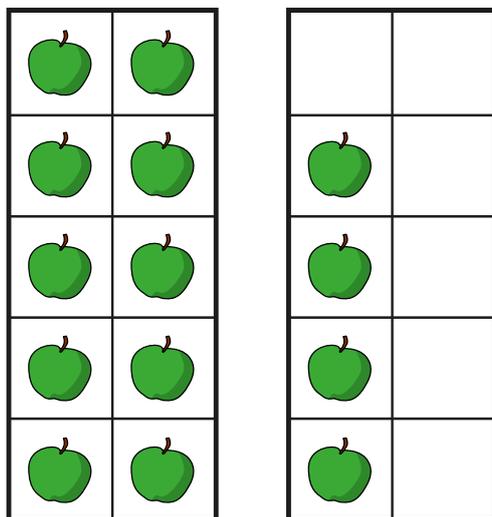
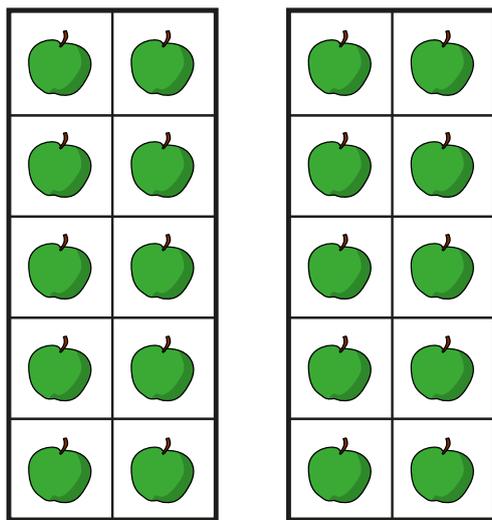
Will Rosie say the number 29? \_\_\_\_\_

How do you know?



# Tens and ones

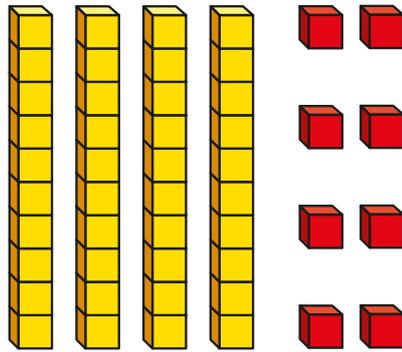
**I** How many apples are there?



There are  tens and  ones.

There are  apples.

2 What number is shown?



There are  tens and  ones.

The number shown is

3 Draw base 10 to show each number.

a) 23

b) 3 tens and 2 ones



4 Complete the number sentences.

a) 1 ten and 8 ones =

b)  = 2 tens and 5 ones

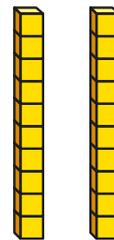
c) 41 =  tens and  one

d) 37 ones =  tens and  ones

e) 2 tens and 10 ones =

5 Eva and Jack are making the same number.

Eva's number has these tens.



Jack's number has nine ones.

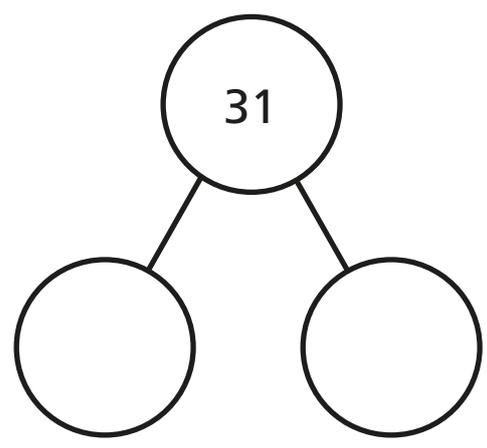
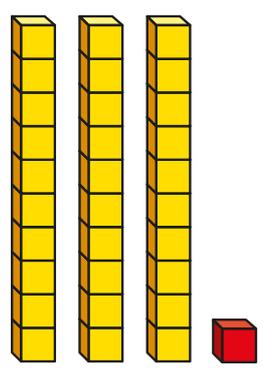
What number are Eva and Jack making?



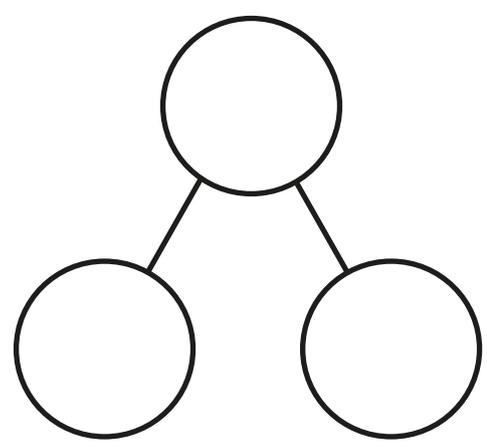
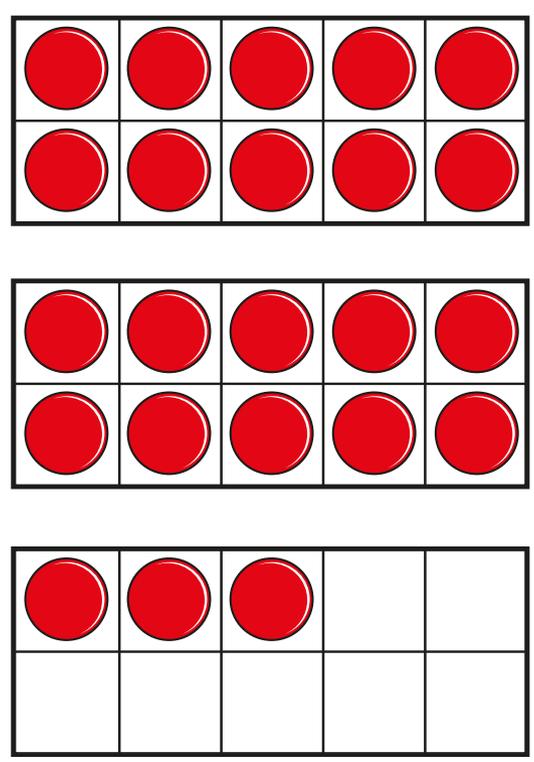
# Represent numbers to 50

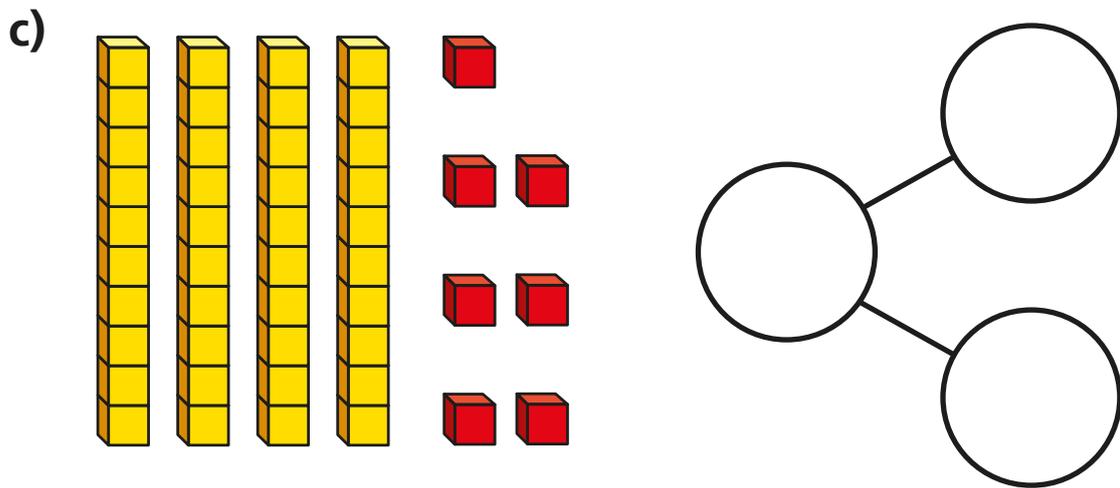
**I** Complete the part-whole model for each picture.

a)



b)





**2** Make these numbers with counters or cubes.

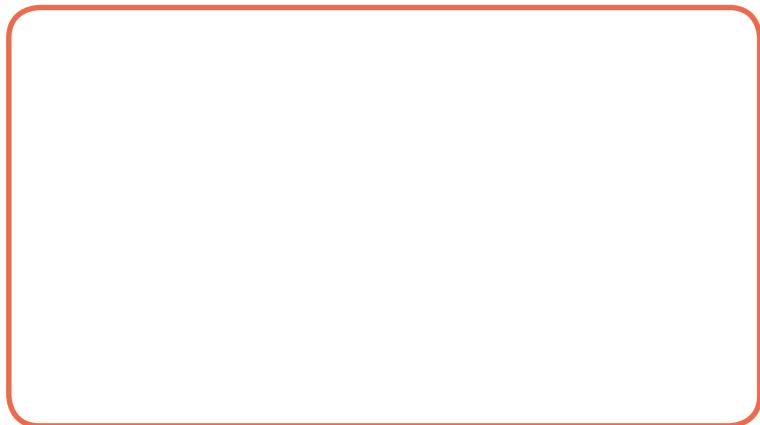
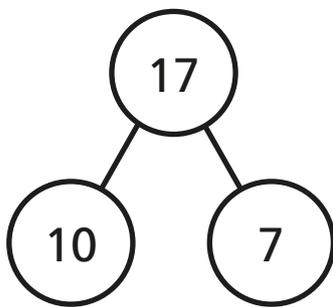
a) 16

b) twenty-one

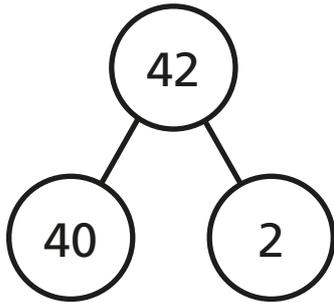
c) 43

**3** Draw a picture to match each part-whole model.

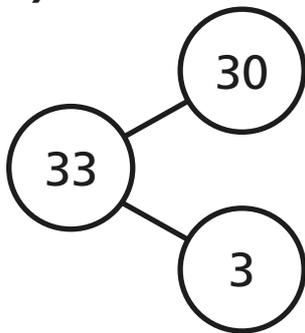
a)



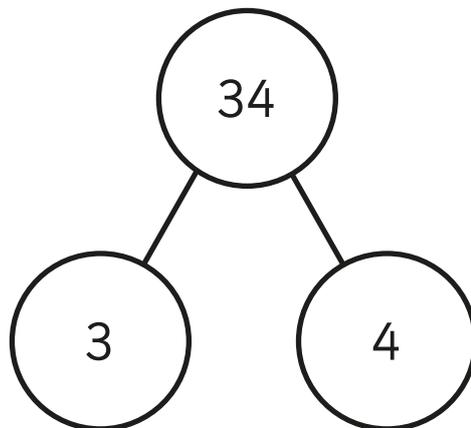
b)



c)



**4** Mo has filled in this part-whole model.



What mistake has Mo made?



# One more one less



- 1** Use counters or cubes to make each number.
- a) one more than 21
  - b) one more than 34
  - c) one less than 41
  - d) one less than 30



- 2** Use different colours to show each number on the grid.
- a) one less than 17
  - b) one more than 26
  - c) one more than 39
  - d) one less than 50

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50

3 Fill in the missing numbers.

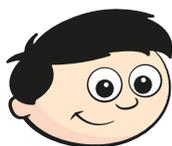
One less	Number	One more
	31	
31		
		31
47		
		47

4



Whitney

My number has 4 tens. One more than my number would make the tens digit change.



Dexter

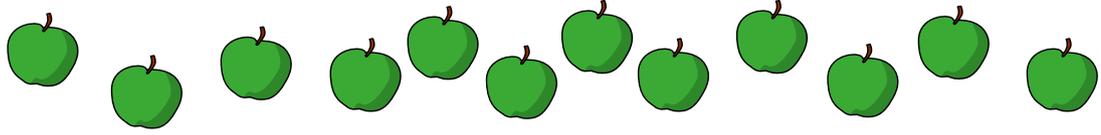
My number is one more than forty-five.

Who has the greater number? \_\_\_\_\_



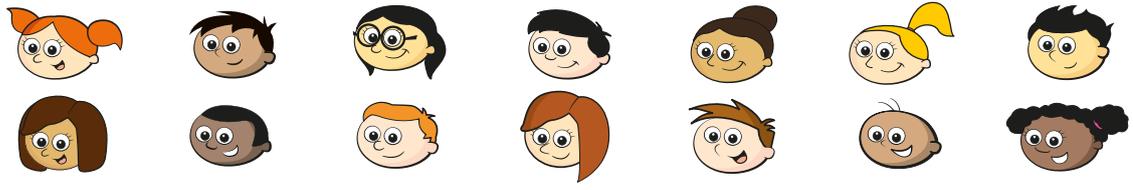
# Compare objects within 50

**I** a) Draw counters to show the apples.





b) Draw counters to show the children.





c) Complete the sentences.

There are  apples.

There are  children.

There are fewer \_\_\_\_\_ than \_\_\_\_\_

---



d)



All the children can have one apple.

Is Teddy correct?



2 Draw counters to make the statements true.

a)

●	●	●	●	●
●	●	●	●	●

>

●	●	●	●	
●	●	●		

>


b)


>

●	●	●	●	●
●	●	●	●	●


>

●	●	●	●	●
●	●	●	●	

c)

●	●	●	●	●
●	●	●	●	●


>

●	●	●	●	●
●	●	●	●	●


=

●		●		
●			●	


d)

●	●	●		
	●	●	●	


=


Is there more than one answer for each?



# To astronauts

>E JV>FEOJ<>V  
NOLEE  
VO VJV <E<F EOVVJΓO  
VO EEV> E<F OΓΓ  
VO >NΓOΩ <E< LJΘ NOLΓ  
CFEO ΓLEJOO> ΓEJΓΓO



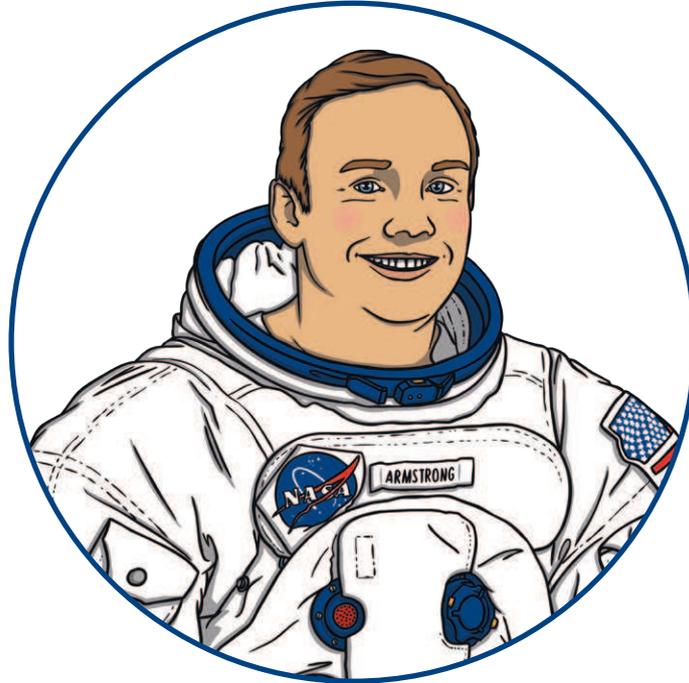
Here is the code used by the aliens!

a	b	c	d	e	f	g	h	i
j	k	l	m	n	o	p	q	r
s	t	u	v	w	x	y	z	

# Neil Armstrong

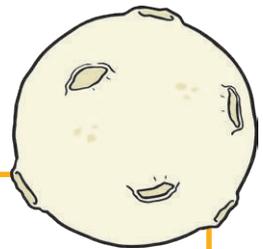
## Who was Neil Armstrong?

Neil Armstrong was a famous American astronaut. He was the first man to walk on the moon!



He was born in 1930 in the United States of America and was only 15 years old when he first got his pilot's licence.

In 1969, he flew on the Apollo 11 spacecraft to the moon with another astronaut, Buzz Aldrin.



### Famous words

When Neil stepped on the moon, he said "That's one small step for man, one giant leap for mankind."

### Did You Know...?

He flew over 200 different aircraft in his career!

# Questions

1. Who was Neil Armstrong? Tick one.
  - an artist
  - an astronaut
  - a scientist
2. When was he born? Tick one.
  - 1929
  - 1930
  - 1969
3. When did he fly to the moon? Tick one.
  - 1969
  - 1996
  - 1930
4. What was the name of the spacecraft he flew to the moon in? Tick one.
  - Buzz Aldrin
  - Apollo 11
  - Apollo 13
5. How many different aircraft did he fly? Tick one.
  - Over 200
  - Under 200
  - Over 1969

# Answers

1. Who was Neil Armstrong? Tick one.

- an artist
- an astronaut
- a scientist

2. When was he born? Tick one.

- 1929
- 1930
- 1969

3. When did he fly to the moon? Tick one.

- 1969
- 1996
- 1930

4. What was the name of the spacecraft he flew to the moon in? Tick one.

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- Apollo 13

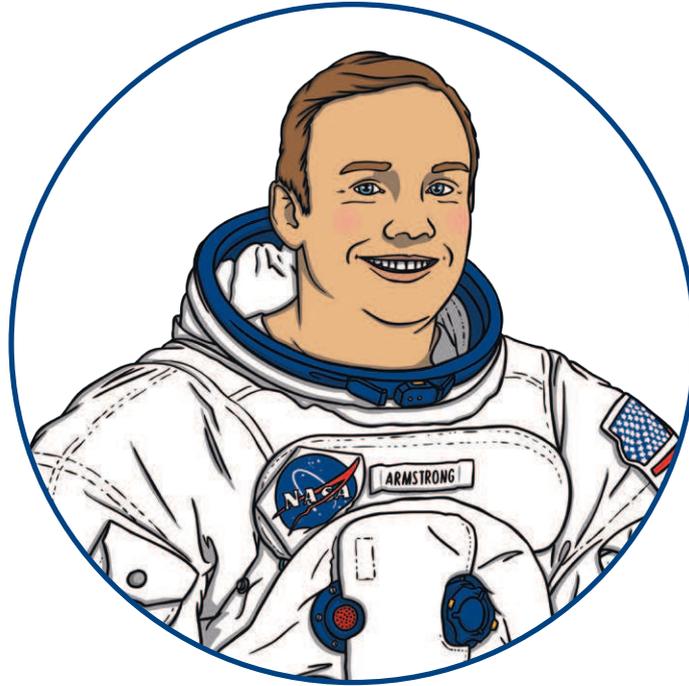
5. How many different aircraft did he fly? Tick one.

- Over 200
- Under 200
- Over 1969

# Neil Armstrong

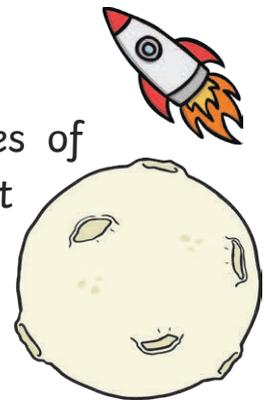
## Who was Neil Armstrong?

Neil Armstrong was a famous American astronaut who became the first man on the moon. As he stepped off his spacecraft, Apollo 11, on to the ground, he said, "That's one small step for man, one giant leap for mankind."



## His Early Life

He was born in 1930 in Ohio in the United States of America. He was only 15 years old when he got his first pilot's licence. After attending university, he became a test pilot and flew over 200 different aircraft!



## NASA and Beyond!

In September 1962, Neil Armstrong joined NASA's astronaut corps, which meant he might one day go into space! In 1969, he flew to the moon in spacecraft Apollo 11.

## Did You Know...?

His first trip to space was aboard Gemini 8.

# Questions

1. Who was Neil Armstrong? Tick one.

- A British astronaut
- An American scientist
- An American astronaut

2. How old was he when he got his pilot's licence? Tick one.

- 17
- 18
- 15

3. When did he join the NASA astronaut corps?

- 1962
- 1964
- 1969

4. What did Neil Armstrong do in 1969?

---

5. Fill in the missing word.

His first trip to \_\_\_\_\_ was aboard Gemini 8.

# Answers

1. Who was Neil Armstrong? Tick one.

- A British astronaut
- An American scientist
- An American astronaut

2. How old was he when he got his pilot's licence? Tick one.

- 17
- 18
- 15

3. When did he join the NASA astronaut corps?

- 1962
- 1964
- 1969

4. What did Neil Armstrong do in 1969?

**In 1969, Neil Armstrong flew to the moon in Apollo 11.**

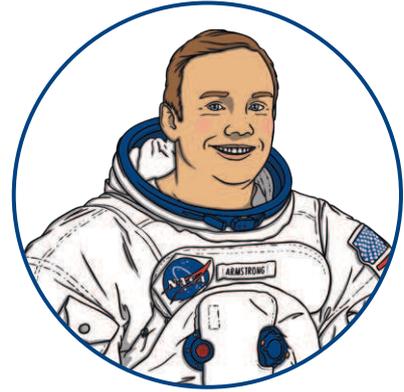
5. Fill in the missing word.

His first trip to **space** was aboard Gemini 8.

# Neil Armstrong

## Who was Neil Armstrong?

Neil Armstrong was an American astronaut famous for being the first ever man to walk on the moon.

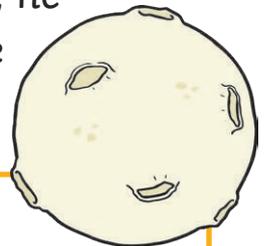


## His Early Life

Born in 1930, in the state of Ohio in the United States of America, Neil Armstrong worked hard to achieve his dream. He was only 15 years old when he received his pilot's licence and by the time he had left university, he had flown over 200 different aircraft! In September 1962, he was accepted to NASA's astronaut corps, where he knew he might one day go in to space.

## Famous Words

Neil Armstrong died on 25<sup>th</sup> August 2012 but he will always be remembered for his famous words. As he stepped off his spacecraft, Apollo 11, on to the moon's surface, he was heard to say, "That's one small step for man, one giant leap for mankind."



## Walking on the Moon

His first trip into space was aboard spacecraft Gemini 8 but it was in 1968 that he was offered the chance to command the space mission Apollo 11. This would be the first manned landing on the moon. After months of practice and preparation, the Apollo 11 spacecraft launched from the Kennedy Space Centre in Florida on 16<sup>th</sup> July 1969. Neil Armstrong along with Buzz Aldrin, landed safely on the moon. He became the first man to walk on its surface on 21<sup>st</sup> July 1969. The astronauts arrived home to Earth on 24<sup>th</sup> July 1969.

# Questions

1. Who was Neil Armstrong? Tick two.

- A famous American astronaut
- The first man to fly in space
- The first man to walk on the moon.

2. Number the events below to show the order in which they happen.

- He received his pilot's licence.
- He flew in spacecraft Gemini 8.
- He arrived safely home.
- He was accepted to NASA's astronaut corps.

3. What happened to him in September 1962?

---

4. Fill in the missing word.

This would be the first manned \_\_\_\_\_ on the moon.

5. Find and copy the words that show he was not alone in landing safely on the moon.

---

6. Why do you think he said that landing on the moon was a giant leap for mankind?

---

---

---

# Answers

1. Who was Neil Armstrong? Tick two.

- A famous American astronaut
- The first man to fly in space
- The first man to walk on the moon.

2. Number the events below to show the order in which they happen.

- ① He received his pilot's licence.
- ③ He flew in spacecraft Gemini 8.
- ④ He arrived safely home.
- ② He was accepted to NASA's astronaut corps.

3. What happened to him in September 1962?

**He was accepted to NASA's astronaut corps.**

4. Fill in the missing word.

This would be the first manned **landing** on the moon.

5. Find and copy the words that show he was not alone in landing safely on the moon.

**along with Buzz Aldrin**

6. Why do you think he said that landing on the moon was a giant leap for mankind?

**It was a giant leap for mankind because nobody had ever landed on the moon before.**