

# Adding equal groups

Children use equal groups to find the total.

How many wheels altogether?



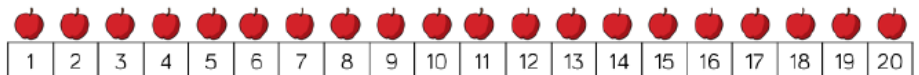
$$2 + 2 + 2 + 2 + 2 =$$

How many fingers altogether?



$$5 + 5 + 5 =$$

How many apples are there? Complete the sentences.



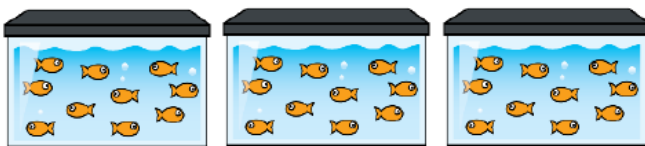
$$5 + 5 + 5 + 5 = \underline{\quad}$$

There are        apples.

There are        groups of        apples which is equal to       

How many fish are there?

Complete the sentences.



$$\underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

There are        fish.

Can you show this using ten frames?

Eva and Whitney are making equal groups of bread rolls.



We need one more group to make 40

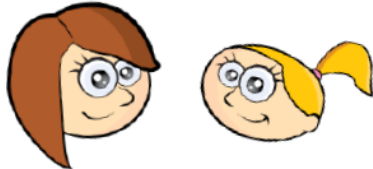
We need 10 more rolls to make 40



Whitney

Who do you agree with? Explain why.

Rosie and Eva have equal groups of either 2, 5 or 10



Each of their totals is less than 40

Rosie has 5 equal groups.

Eva has 3 equal groups.

Eva's total is more than Rosie's total.

What could they be counting in?

Use equipment to help you.

# Answers

How many wheels altogether?



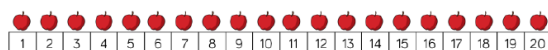
$$2 + 2 + 2 + 2 + 2 =$$

How many fingers altogether?



$$5 + 5 + 5 =$$

How many apples are there? Complete the sentences.



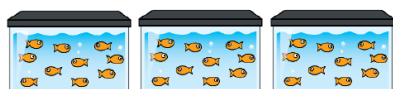
$$5 + 5 + 5 + 5 =$$

There are \_\_\_\_ apples.

There are \_\_\_\_ groups of \_\_\_\_ apples which is equal to \_\_\_\_

How many fish are there?

Complete the sentences.



Can you show this using ten frames?

$$+ + =$$

There are \_\_\_\_ fish.

$$2+2+2+2+2=10$$

$$5+5+5=15$$

$$5+5+5+5=20$$

There are 20 apples.

There are 4 groups of 5 apples which is equal to 20.

$$10+10+10=30$$

There are 30 fish.

Eva and Whitney are making equal groups of bread rolls.



We need one more group to make 40

We need 10 more rolls to make 40



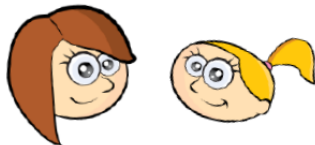
Whitney

Who do you agree with? Explain why.

Possible answer:  
I agree with both.

They are counting in groups of 10 so they need one more group of 10

Rosie and Eva have equal groups of either 2, 5 or 10



Each of their totals is less than 40

Rosie has 5 equal groups.

Eva has 3 equal groups.

Eva's total is more than Rosie's total.

What could they be counting in?

Use equipment to help you.

Possible answers:

Rosie:  $2 + 2 + 2 + 2 + 2 = 10$

Eva:  $5 + 5 + 5 = 15$

Rosie:  $5 + 5 + 5 + 5 + 5 = 25$

Eva:  $10 + 10 + 10 = 30$

Rosie:  $2 + 2 + 2 + 2 + 2 = 10$

Eva:  $10 + 10 + 10 = 30$