

# RECALL

How many cakes are there?



Write the  
number  
sentence to  
represent

# TO ADD EQUAL GROUPS TOGETHER

Date Learning ladder ref

# MULTIPLICATION AND DIVISION

*SWE* use reasoning to solve problems based on learning from 5<sup>th</sup> and 6<sup>th</sup> Jan.

*SW* find the inverse of the total amount.

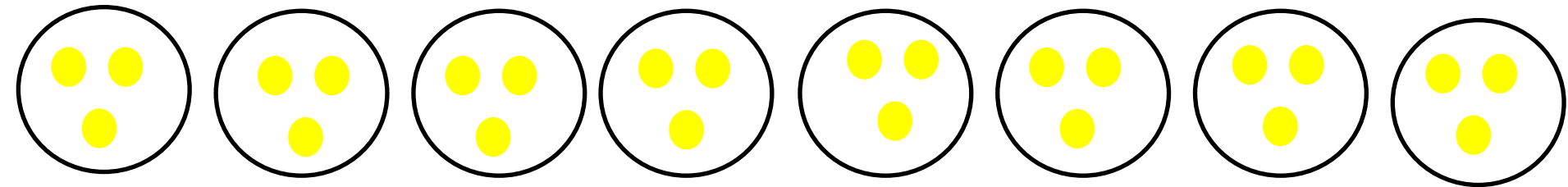
*MW* add equal groups of counters together to find the total.

*AW* use resources to make equal groups of numbers.

08.01.21

# GUIDED PRACTICE

There are 8 bags of sweets. There are 3 sweets in each bag. How many sweets are there in total?



# GUIDED PRACTICE

There are 14 sweets in total. How many groups of 2 is this?



# INTELLIGENT PRACTICE



What is the total amount?

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

$$3 + 3 + 3 =$$

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



What is the total amount?

8 groups of 2 equals

7 groups of 3 equals

3 groups of 5 equals



18 is the total amount  
How many groups of 2  
is this?

21 is the total amount.  
This is 7 groups of  
what?

45 is the total amount.  
How many groups of 5  
is this?



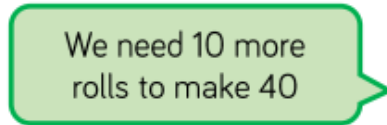
# DIVE DEEPER 1

Eva and Whitney are making equal groups of bread rolls.



Eva

We need one more group to make 40



Whitney

We need 10 more rolls to make 40

Who do you agree with? Explain why.



# DIVE DEEPER 1 ANSWERS

Eva and Whitney are making equal groups of bread rolls.



Eva

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





## DIVE DEEPER 2

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.

## DIVE DEEPER 2 ANSWERS

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:

$$\text{Rosie: } 2 + 2 + 2 + 2 + 2 = 10$$

$$\text{Eva: } 5 + 5 + 5 = 15$$

$$\text{Rosie: } 5 + 5 + 5 + 5 + 5 = 25$$

$$\text{Eva: } 10 + 10 + 10 = 30$$

$$\text{Rosie: } 2 + 2 + 2 + 2 + 2 = 10$$

$$\text{Eva: } 10 + 10 + 10 = 30$$