

How are you feeling today?

confused

relaxed

excited

sleepy

happy

curious



"Good Morning Year 3"

Monday 25th January 2021

Maths
Week 4

Lesson 1

w

sharing

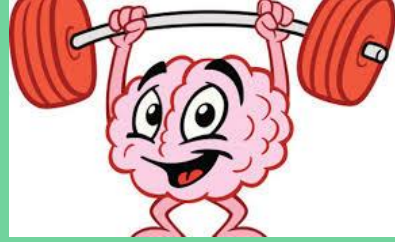
*equal
groups
of*

array

dividing

Maths Star words

Starter – Let's warm up our brains



1) Complete the calculations

$5 \times 4 =$

$10 \times 4 =$

$4 \times 6 =$

$4 \times 11 =$

2) Circle the multiples of 4

14

8

10

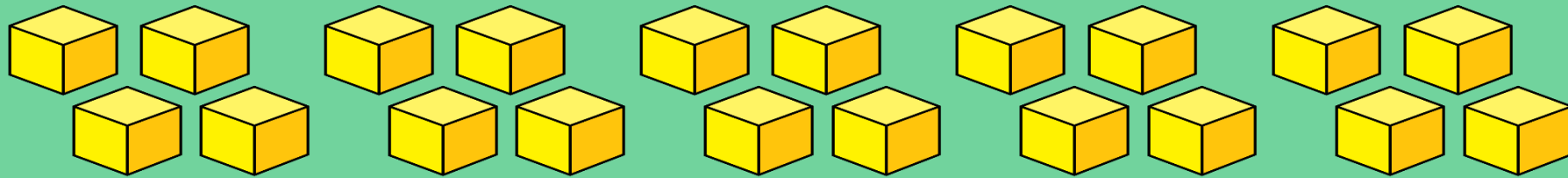
16

36

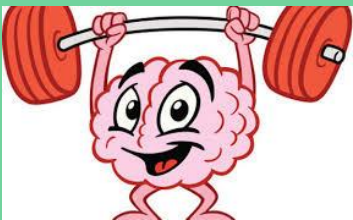
24

22

3) Here are 20 cubes.



How many groups of 4 are there?





Walt: dividing by 4

S2S: I can

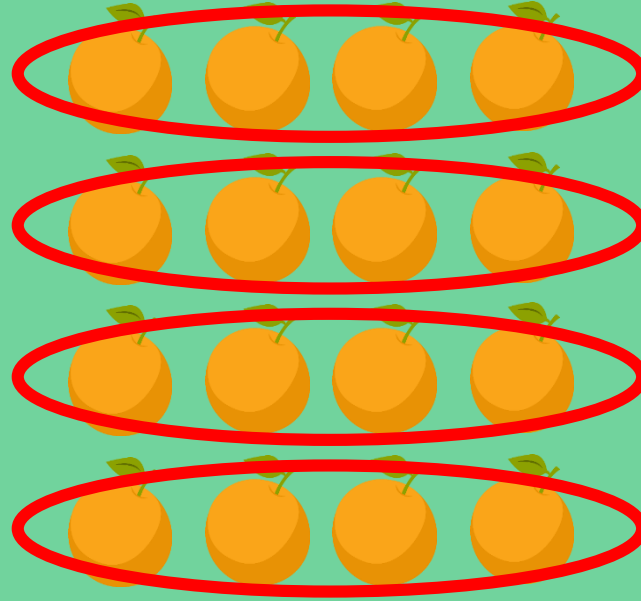
- represent groups of 4 in different ways
 - count backwards in 4s
 - divide by 4



Let's Learn

There are 16 oranges.

How many groups of 4 can you make?

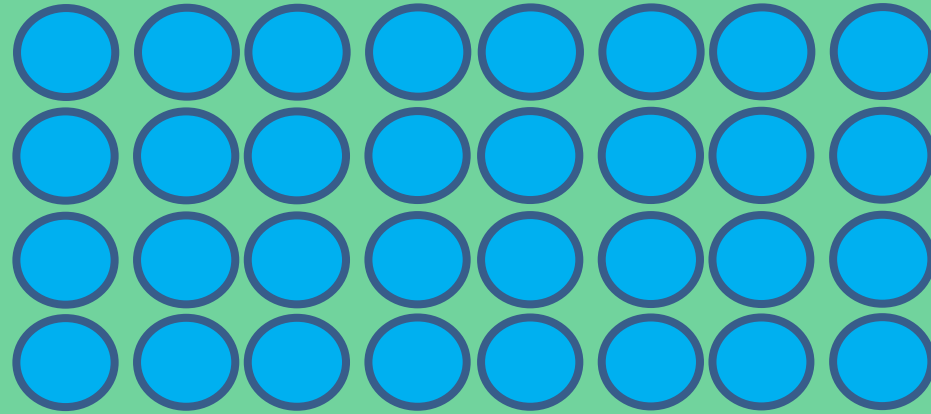


There are groups of 4 oranges.



Guided Practice

Make **32** with counters (or other objects) and
put them into columns of 4.



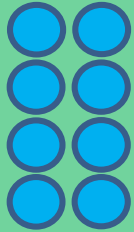
How many columns do we have?

What does this tell us?

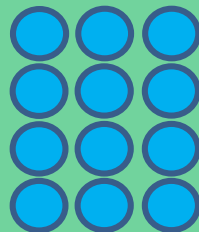
$$8 \times 4 =$$

$$32 \div 4 =$$

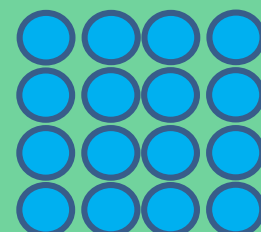
Make these numbers with counters (or other objects), put them into columns of 4 and write the division fact.



$$8 \div 4 =$$



$$12 \div 4 =$$

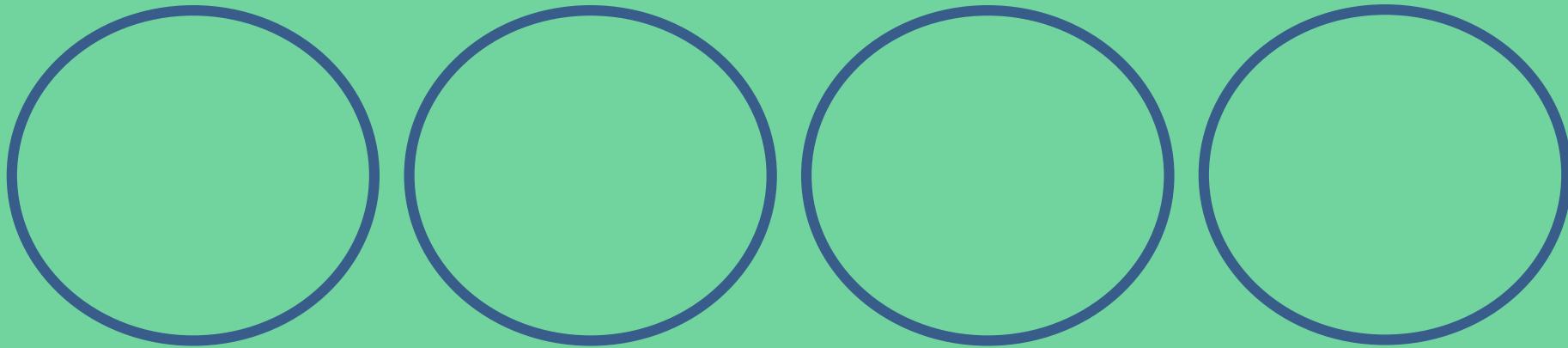
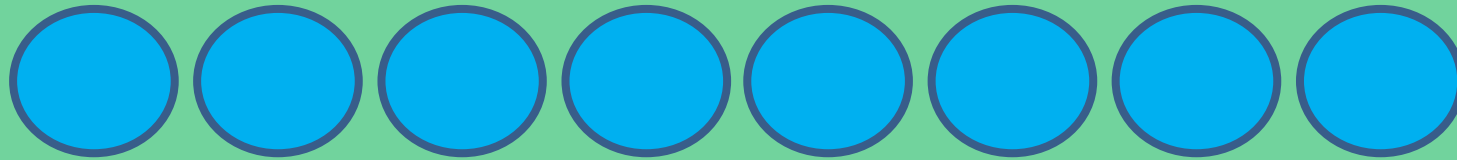


$$16 \div 4 =$$

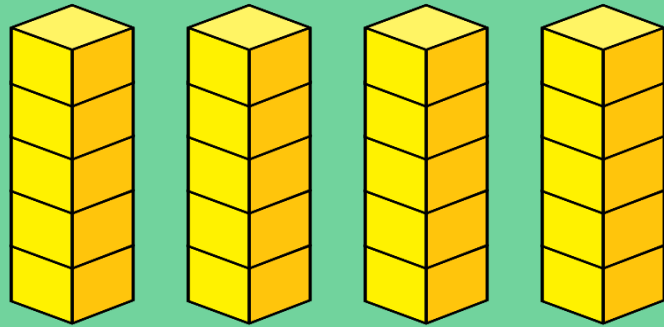
Share the shapes equally into 4 groups.

How many in each group?

$$8 \div 4 =$$



Alex and Ron have 20 cubes.
They share the cubes into 4 equal towers.



How many cubes will be in each tower?

There are __ cubes in each tower.

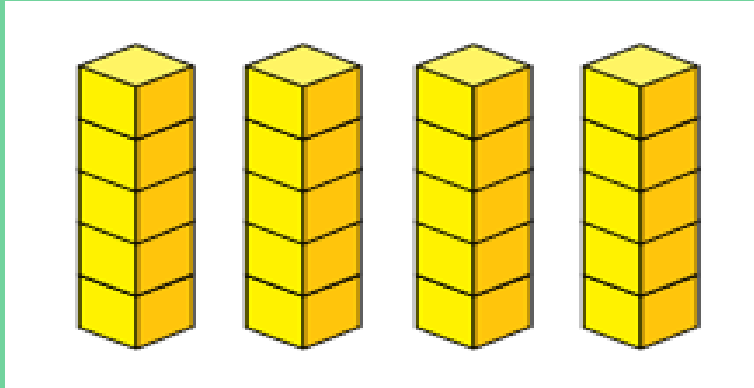
$$20 \div \underline{\quad} = \underline{\quad}$$

Have a think



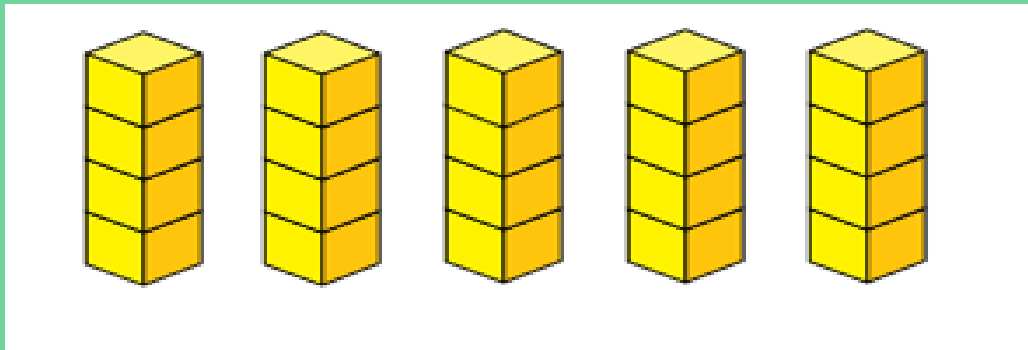
$$20 \div 4 = \underline{\quad}$$

Shared into 4 equal towers



There are cubes in each tower.

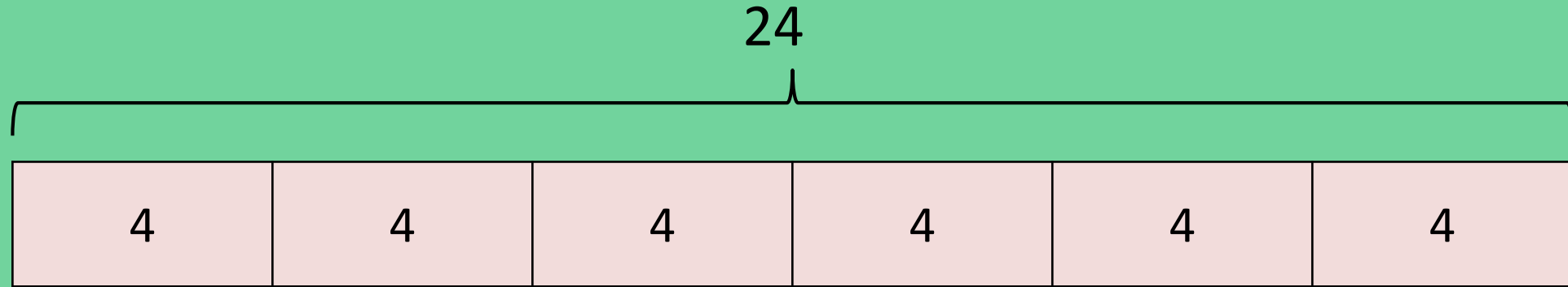
Grouped into towers of 4



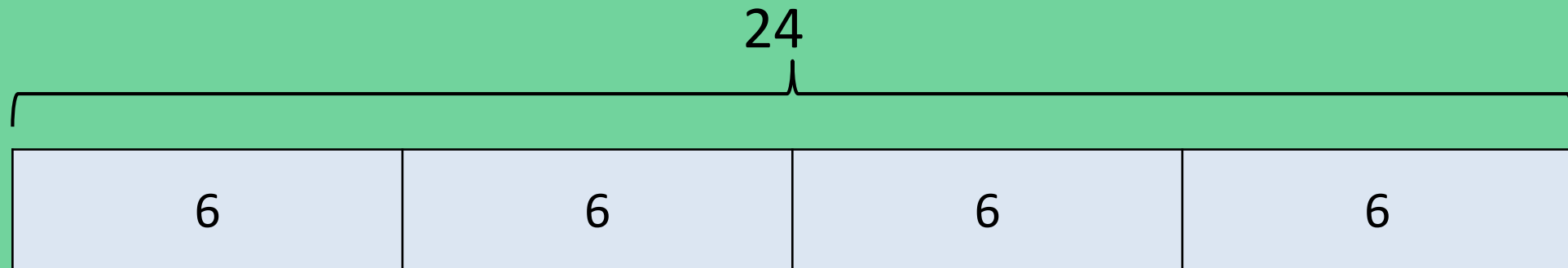
There are towers of cubes.

Which bar model shows $24 \div 4$?

Can you draw 2 bar models to show 28 divided by 4?

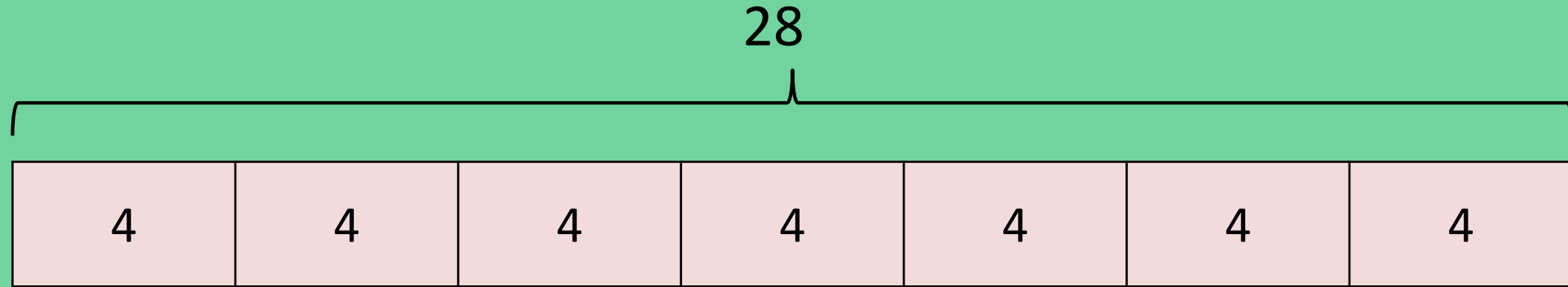


24 divided into groups of 4

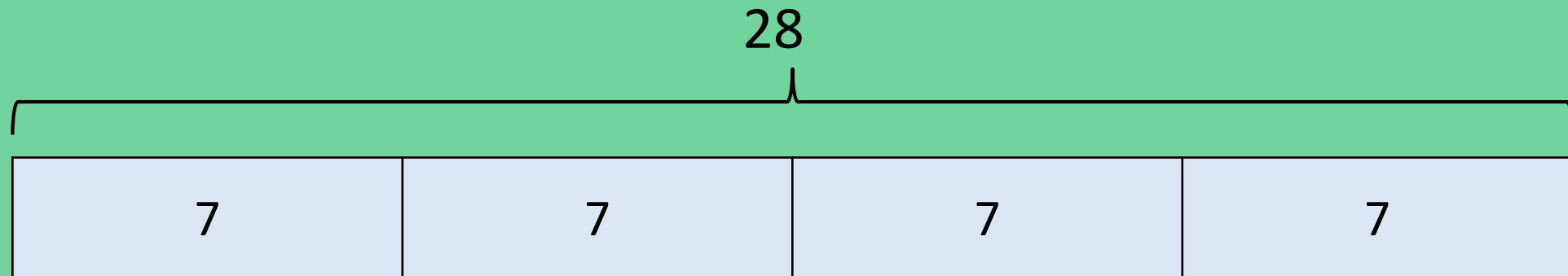


24 divided into 4 equal parts

Can you draw 2 bar models to show 28 divided by 4?



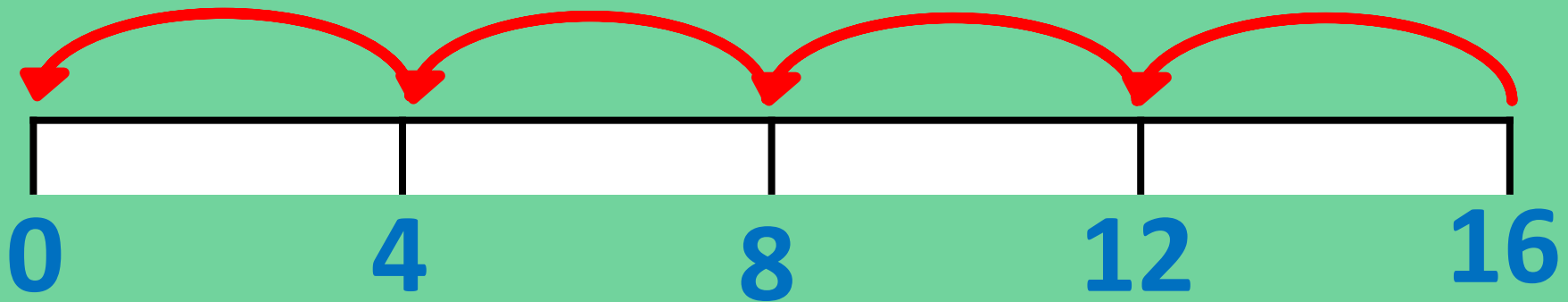
28 divided into groups of 4



28 divided into 4 equal parts

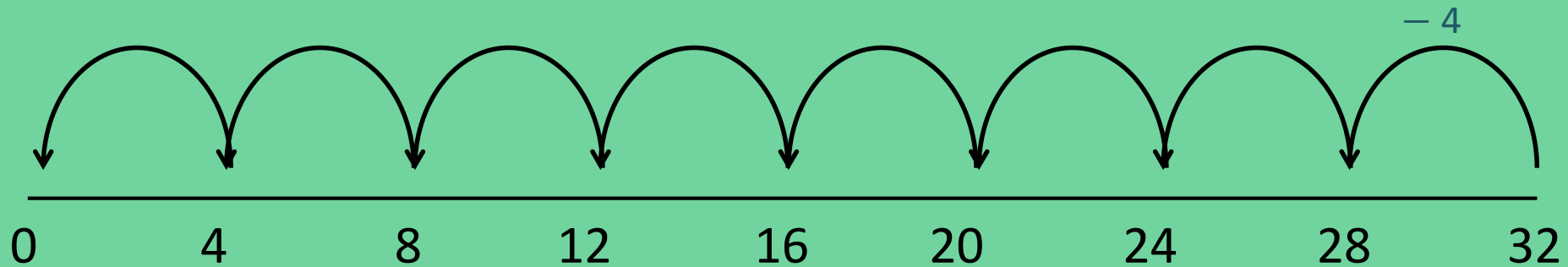
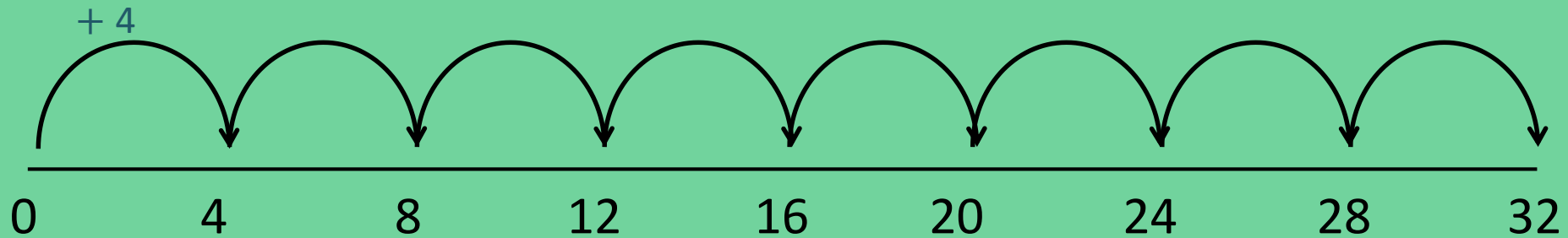
Use the number line to help you solve
the calculation.

$$16 \div 4 = \underline{\quad}$$



The baker has 32 bread rolls.
He puts them into packs of 4
How many packs can he fill?

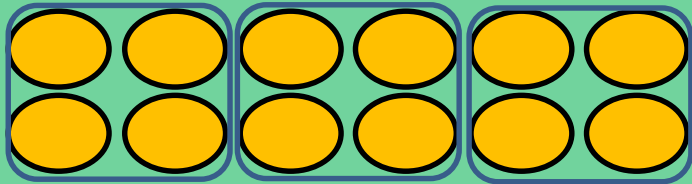
$$32 \div 4 = \underline{\quad}$$



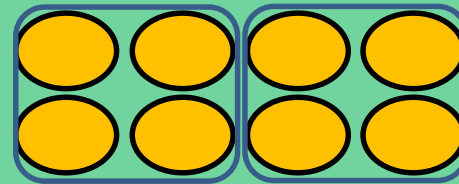


Multiples of 4 are all even numbers.
So all even numbers can be grouped into 4s

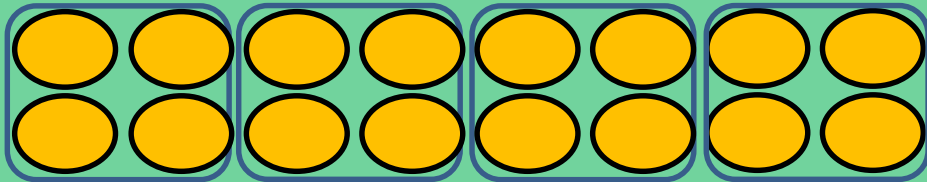
12



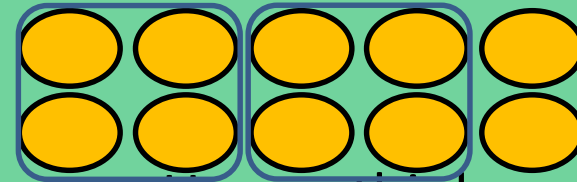
8



16



10



Have a think





Your turn Questions

Problem Solving

July has 20 cookies and shares them equally between herself and 3 friends.

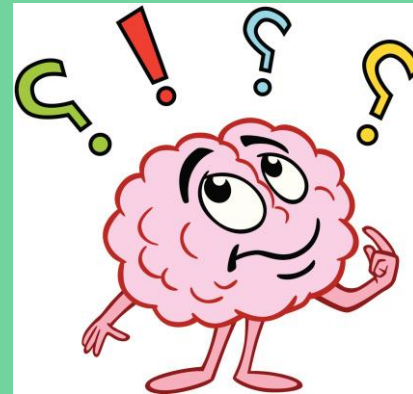
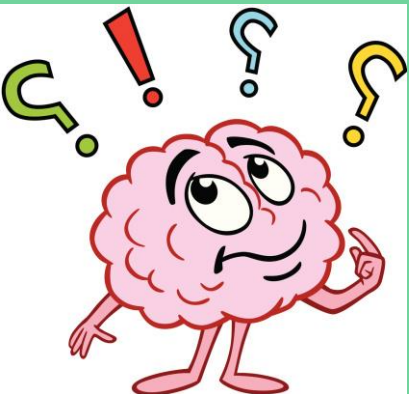
How much does each friend get?



$$20 \div 4 =$$



20			



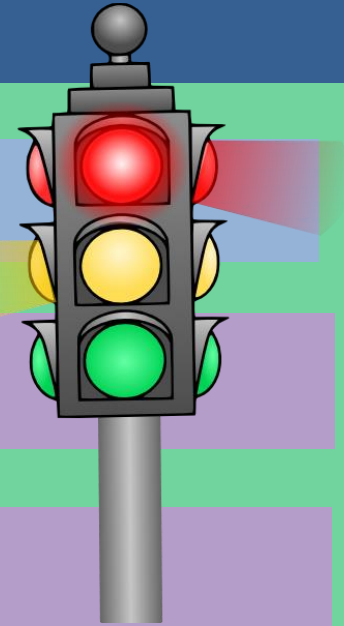
Reflection – Traffic Lights


Where did I get to today?


I can now.....


I need more practice with...

I still need to learn how to



 ... represent groups of 4 in different ways.

 ... count backwards in 4s.

 ... divide by 4.