



LOVE to LEARN

Maths Remote Education

This Week's Maths Lessons

WC: 18/01/21

Mental Maths:

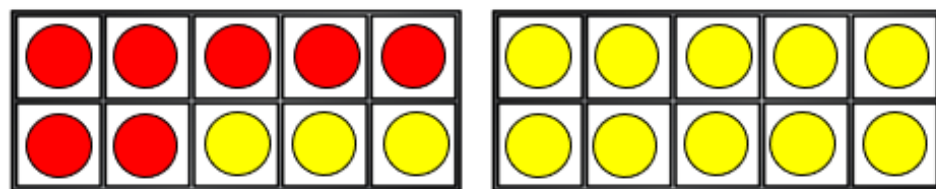
- Complete the daily **Flashback 4 challenge** activity in Seesaw, to see how much you can remember from our previous learning.
- Play the Minus Mission (set the limit to 10 and the speed to slow to begin with, then set the limit to 20 and increase the speed if you need an extra challenge!) <https://www.arcademics.com/games/mission>

Day:	Learning Objective:	Lesson:
Monday	To be able to add by making 10	<p>Today's activity needs a good knowledge of number bonds to 10. Practise these by playing Hit the Button https://www.topmarks.co.uk/maths-games/hit-the-button Choose Number Bonds, then Make 10. How many can you correctly answer in 1 minute? Play several times to try and beat your personal best.</p> <p>Watch the online lesson from White Rose Maths – Add by making 10 https://vimeo.com/492195041</p>
Tuesday	To be able to add by making 10	<p>Practise your number bonds to 10 by playing this addictive game...set a 5 minute timer so you don't spend all morning playing it! https://www.mathplayground.com/number_bonds_11.html</p> <p>Watch the online lesson from White Rose Maths – Add by making 10 https://vimeo.com/492195871</p> <p>Complete the questions from the worksheet (also posted as a Seesaw activity) and post your answers on Seesaw.</p>



Wednesday	To be able to subtract without crossing 10	<p>Watch the online lesson from White Rose Maths – Subtract (not crossing 10) https://vimeo.com/492197096</p> <p>Complete the questions from the worksheet (also posted as a Seesaw activity) and post your answers on Seesaw.</p>
Thursday	To be able to subtract by counting back (without crossing 10)	<p>Watch the online lesson from White Rose Maths – Subtraction by counting back (without crossing 10) https://vimeo.com/492198226</p> <p>Complete the questions from the worksheet (also posted as a Seesaw activity) and post your answers on Seesaw.</p>
Friday	To be able to subtract by counting back (crossing 10)	<p>Watch the online lesson from White Rose Maths – Subtraction by counting back (crossing 10) https://vimeo.com/497563367</p> <p>Complete the questions from the worksheet (also posted as a Seesaw activity) and post your answers on Seesaw.</p>

- 1) Write the number bond shown on the ten frames.



- 2) What is one less than eighteen?

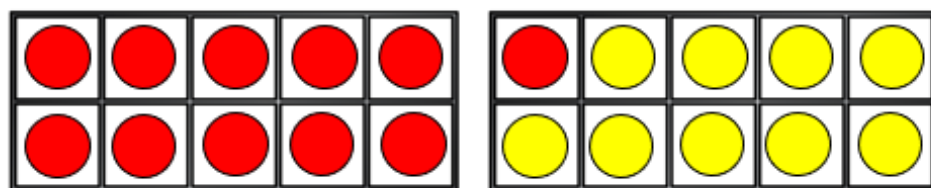
- 3) Compare using $<$, $>$ or $=$

$$8 \bigcirc 4$$

- 4) Name the shape.



- 1) Write the number bond shown on the ten frames.



- 2) What is $6 + 5$?
- 3) Compare using $<$, $>$ or $=$

$$13 \bigcirc 3$$

- 4) Name the shape.



Tuesday 19th January 2021

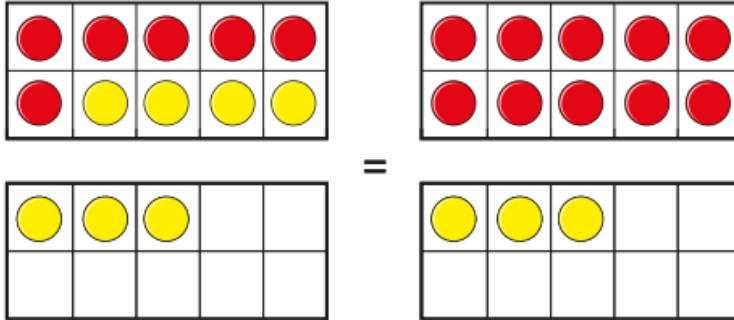
LO: To be able to add by making 10

I can:

- Quickly recall all number bonds to 10
- Can partition a number in different ways.



The ten frames show that $6 + 7$ is the same as $10 + 3$.



Use counters to show that $5 + 6$ is the same as $10 + 1$



Complete the additions. Use tens frames to help you.

a) $8 + 3 = 10 + \square$

c) $7 + 5 = 10 + \square$

b) $9 + 7 = 10 + \square$

d) $6 + 8 = 10 + \square$



True or False?

$5 + 8$ is the same as $5 + 5 + 3$

Explain why.

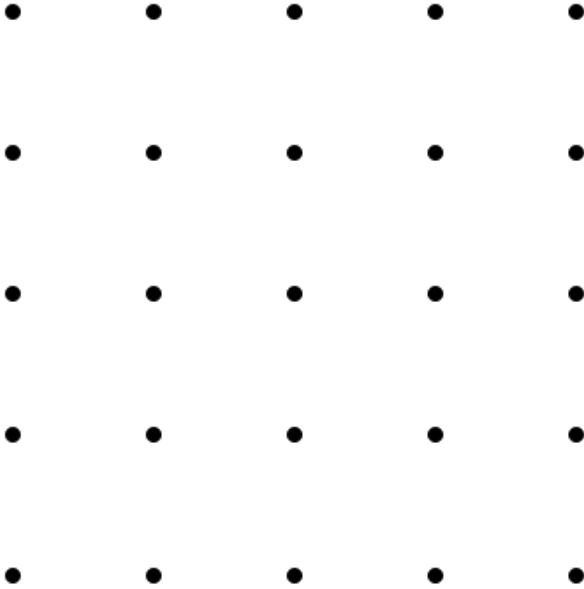


Play Square it!

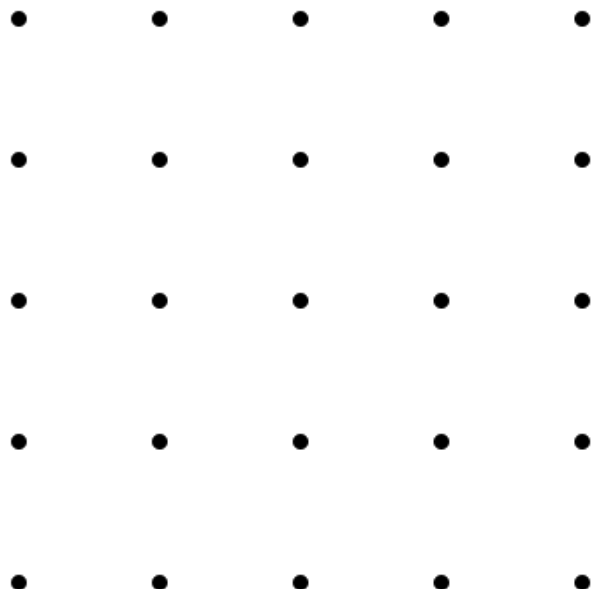
Players take it in turns to colour a dot on the grid. The winner is the first to have four dots that can be joined by straight lines to form a square.

Squares can be any size, anywhere and can be tilted.

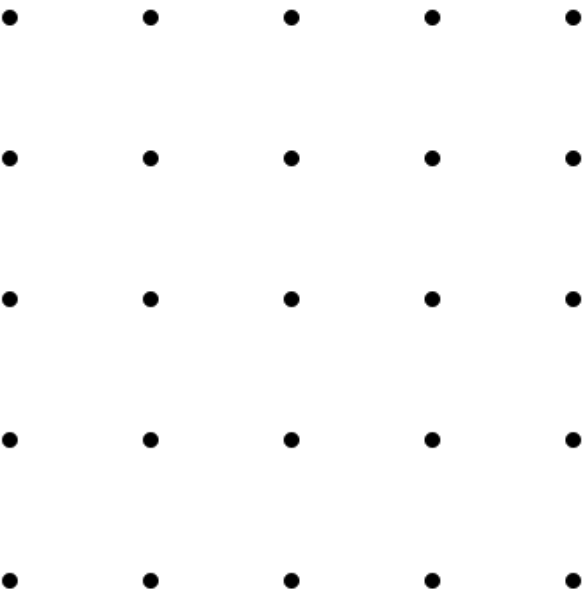
An online version of the game can be found at: www.nrich.maths.org/13125



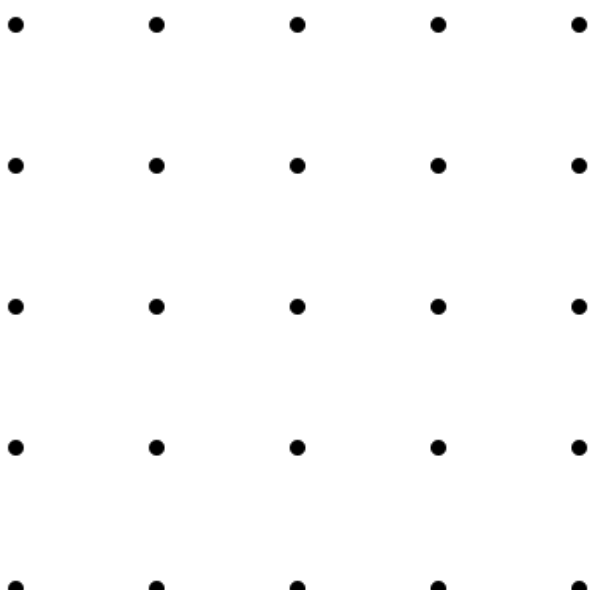
Claim all 4 corners of a square to win



Claim all 4 corners of a square to win

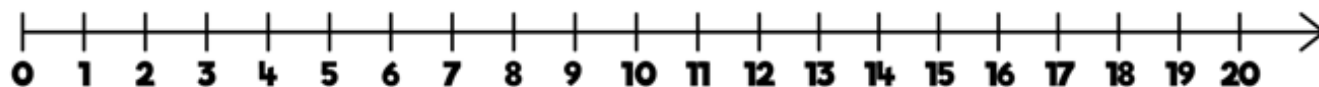


Claim all 4 corners of a square to win



Claim all 4 corners of a square to win

1) What is $9 + 4$?



2) Work out $8 + 4$

3) Compare using $<$, $>$ or $=$

$$13 + 1 \bigcirc 15 - 1$$

4) Name the shape.



Wednesday 20th January 2021

LO: To be able subtract (not crossing 10)

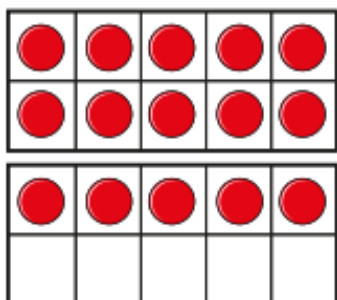
I can:

- Know that subtract means take away.
- Can partition a number into tens and ones.



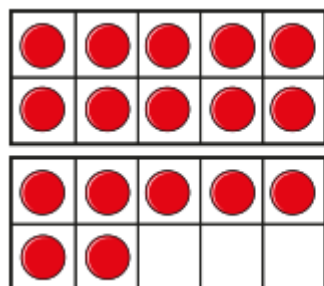
Cross out counters to complete the subtractions.

a)



$$15 - 4 = \square$$

b)



$$17 - 5 = \square$$



Complete the subtractions.

a) $13 - 2 =$

c) $15 - 4 =$

b) $14 - 3 =$

d) $16 - 5 =$

What do you notice? Look carefully at the ones place in each number.

Use this information to complete these subtractions.

$$17 - \square = 11$$

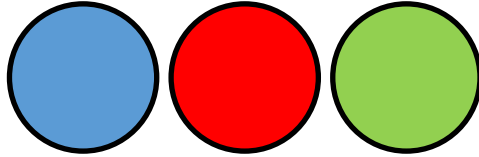
$$19 - \square = 11$$



Three Ball Line-up

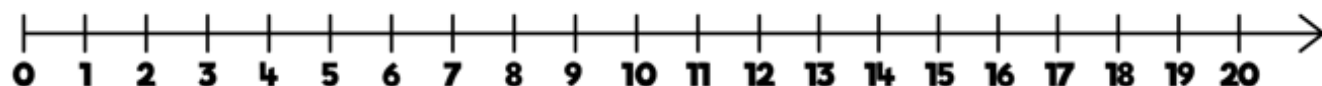
Two children are playing with three balls, one blue, one red and one green.

They toss up the balls, so that they land in a row of three.



In how many different ways could the balls land?
How do you know you have found them all?

1) What is $7 + 5$?



2) Work out $12 + 8$

3) Order the numbers from largest to smallest.

17 , 9 , 14

4) Name the shape.



Thursday 21st January 2021

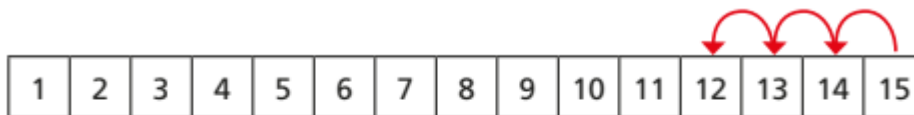
LO: To be able to subtract by counting back (not crossing 10)

I can:

- Count back from 20
- Count back from any number (<20)
- Know that when we count back the numbers become smaller.

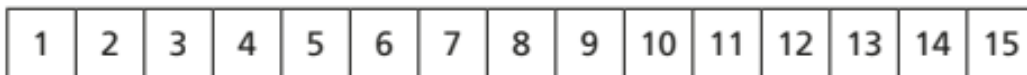


Reuben uses a number track to work out $15-3$



$$15 - 3 = 12$$

Use this number track to work out these subtractions.



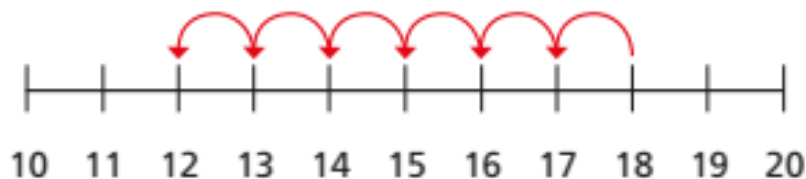
a) $14 - 3 =$

c) $14 - 4 =$

b) $15 - 4 =$



Sam uses this number line to work out a subtraction.



Complete Sam's subtraction.

$$\boxed{} - \boxed{} = \boxed{}$$

Hint: What number did he start at? How many did he count back? What number did he end at?



Eggs in Baskets

There are three baskets, a brown one, a red one and a pink one, holding a total of ten eggs.

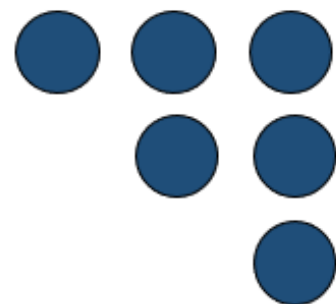
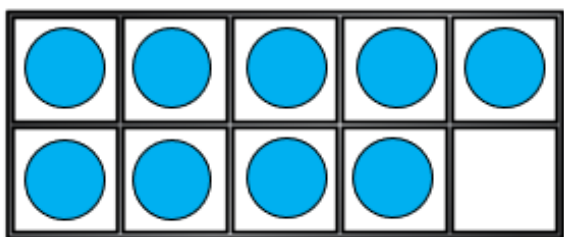
The Brown basket has one more egg in it than the Red basket.

The Red basket has three fewer eggs than the Pink basket.

How many eggs are in each basket?



1) What is $9 - 4$?

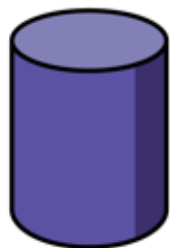


2) Work out $9 + 4$

3) Order the numbers from smallest to largest.

7 , 12 , 10

4) Name the shape.



Friday 22nd January 2021

LO: To be able to subtract by counting back (crossing 10)

I can:

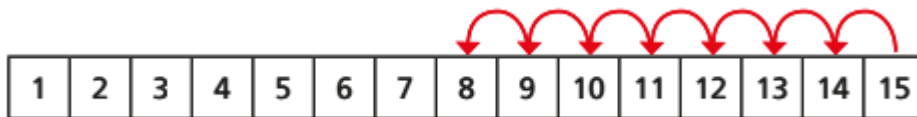
- Count back from any number (<20), crossing 10
- Know that when we count back the numbers become smaller.



There are 15 cookies in the jar.

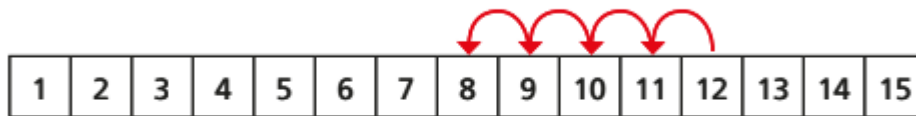
Oscar eats 7 cookies.

He counts back 7 from 15. How many cookies are left in the jar?

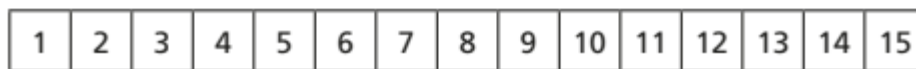


Use the number tracks to help you work these subtractions out.

a) $12 - 4 =$



b) $12 - 5 =$

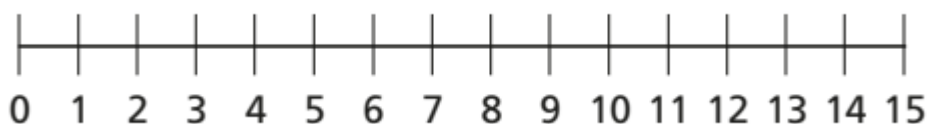


There are 13 toys in a box.

Austin takes some toys out of the box.

There are 5 toys left in the box.

How many toys does Austin take out of the box?





Matching Pairs

The aim of this game is to match pairs of cards.

Cut out the cards and place them face down on the table. Turn over two cards. If the two cards match, they will stay face-up. If the two cards do not match, they will return to being face-down.

The game ends when all the cards have been matched in pairs.

How do you know when a card matches another card?

Can you remember where particular cards are to help you match the pairs?

3

5

8

12

