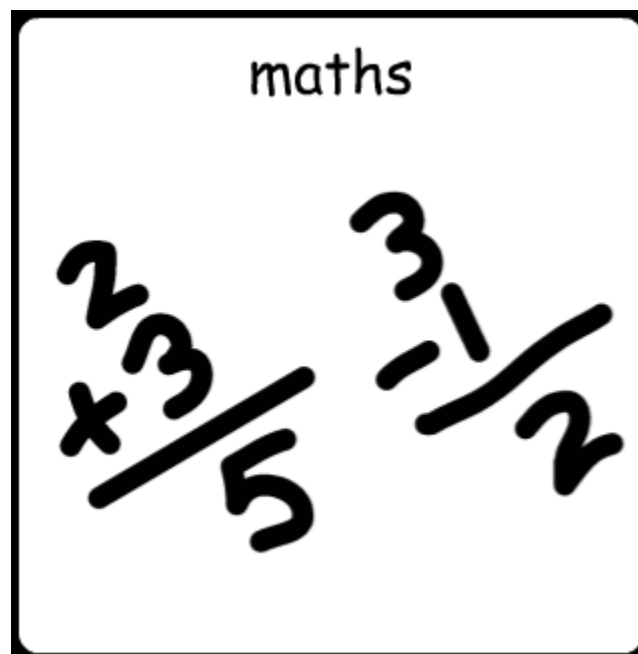




Maths

Wk. beg. 22.06.20

ASD Summer 2





Focus: Subtraction

subtraction

A diagram illustrating subtraction using blue blocks. On the left, there is a vertical column of three blocks. In the middle, there is a vertical column of two blocks. On the right, there is a single block. This visualizes the equation 3 minus 2 equals 1.

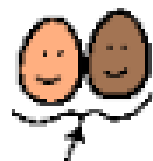
$3 - 2 = 1$



- How to use - choose the colour level of work most appropriate for your child - if you are not sure, please check with your child's teacher when they contact you.



What



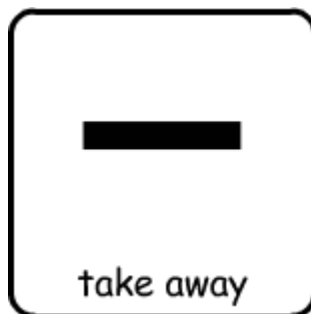
we



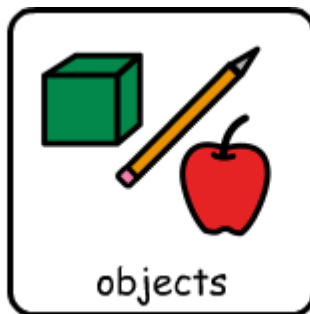
learning



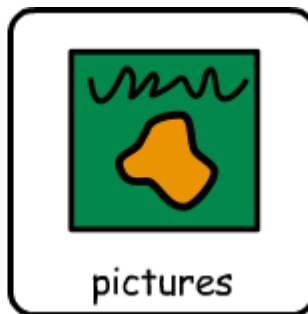
today?



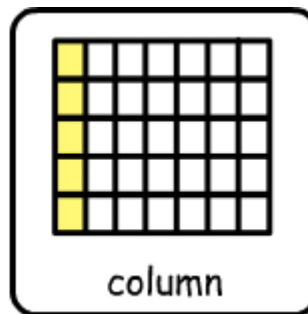
take away



objects



pictures

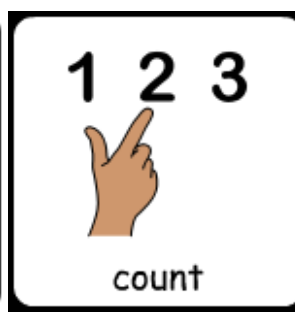
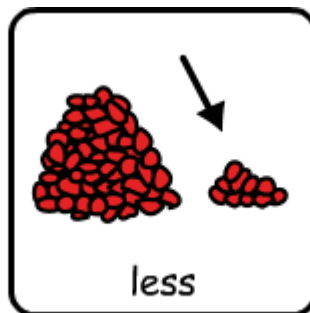
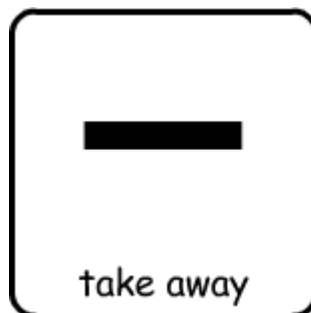


column

To take away using objects, pictures or the column method



Key words:



Starter

Blue group - Can you count to 10?

Green group - Can you count to 20?

Purple group - Can you count forwards and backwards to 50?

Red group - can you count in 2s, 5s and 10s?

★ Challenge - Can you count in 3s and 4s? ★


Starter

Subtraction game

Log in details: <https://www.youtube.com/watch?v=LPf75HKOzyk&feature=youtu.be>


https://central.espresso.co.uk/espresso/primary_uk/subject/module/activity_index/item736870/grade1/index.html

Lotto: addition and subtraction (1-10)



The screenshot shows a math game interface with a yellow background. At the top, it says "Lotto: addition and subtraction (1-10)". Below this is a green-bordered box containing a red background with a white box showing the equation $2 + 0 =$. Below the equation is a numeric keypad with red buttons for numbers 1 through 10.

Addition and subtraction facts up to 10



The screenshot shows a math game interface with a yellow background. At the top, it says "Addition and subtraction facts up to 10". Below this is a green-bordered box containing a blue background with several white fish. Each fish has a math fact written on its side: $9 + 0$, $6 + 3$, $8 + 2$, $2 + 8$, and $6 + 6$. At the bottom of the box is a "Check" button.

Lotto: 5 more, 5 less (1-20)

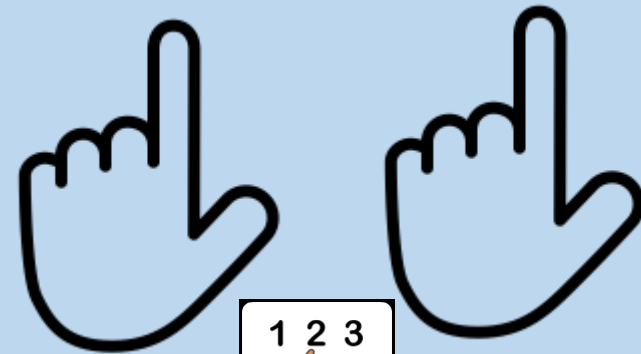
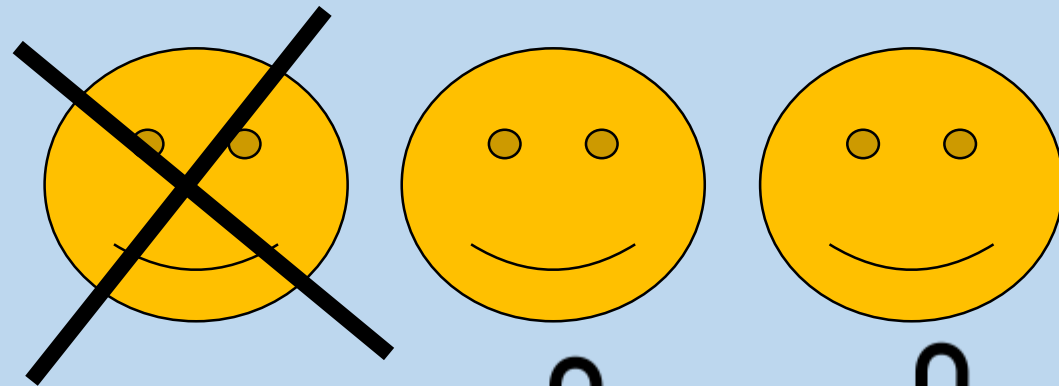


The screenshot shows a math game interface with a yellow background. At the top, it says "Lotto: 5 more, 5 less (1-20)". Below this is a green-bordered box containing a red background with a white box showing the prompt "5 more than 0". Below the prompt is a numeric keypad with red buttons for numbers 1 through 20.

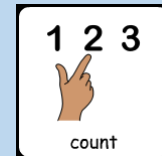
Subtraction from 10 using objects or pictures:

You can count out objects at home or use the pictures to help you. Remember to remove one object or cross out a picture and then count how many you have left.

$$3 - 1 = 2$$

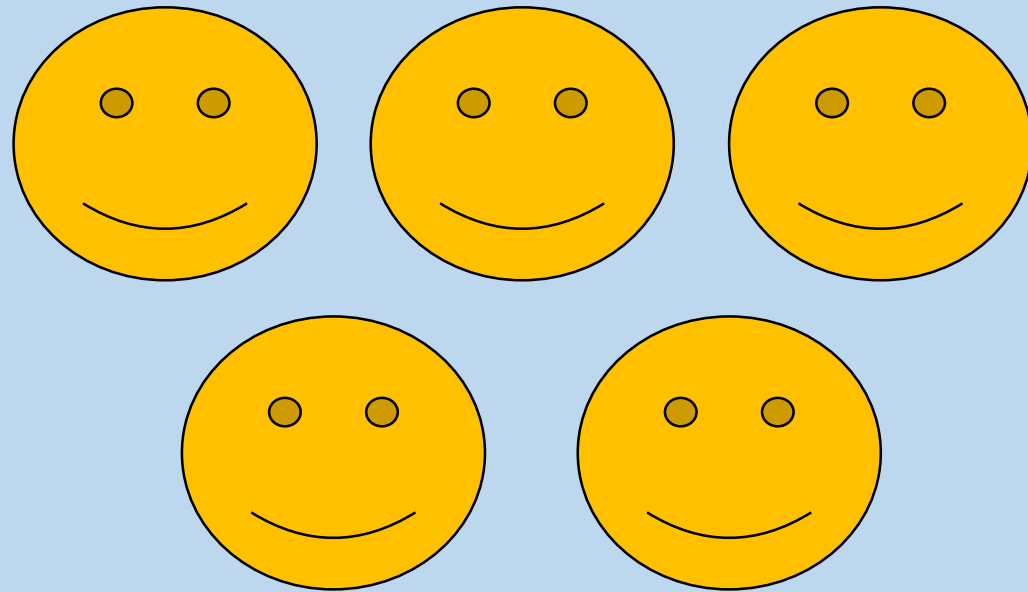


Cross one out and count
how many are left



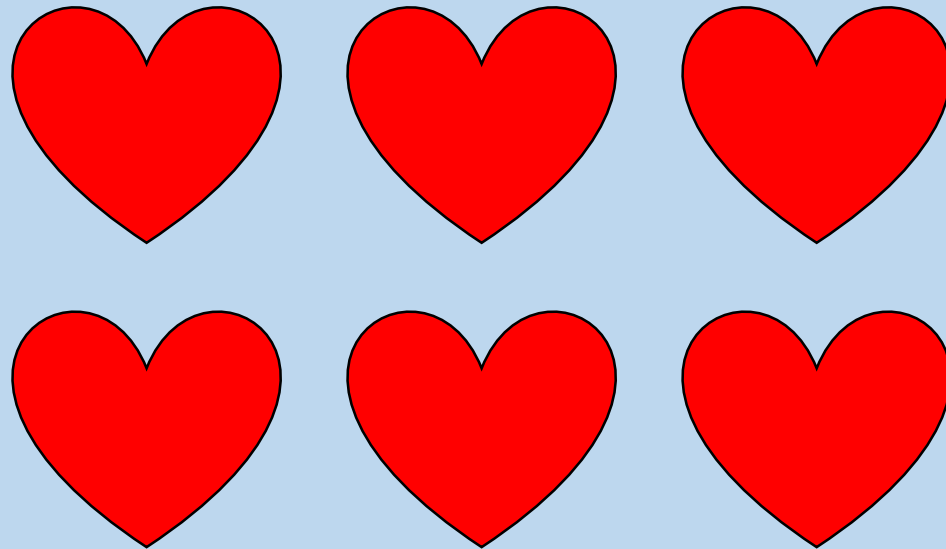
Subtraction from 10 using objects or pictures:

$$5 - 3 =$$



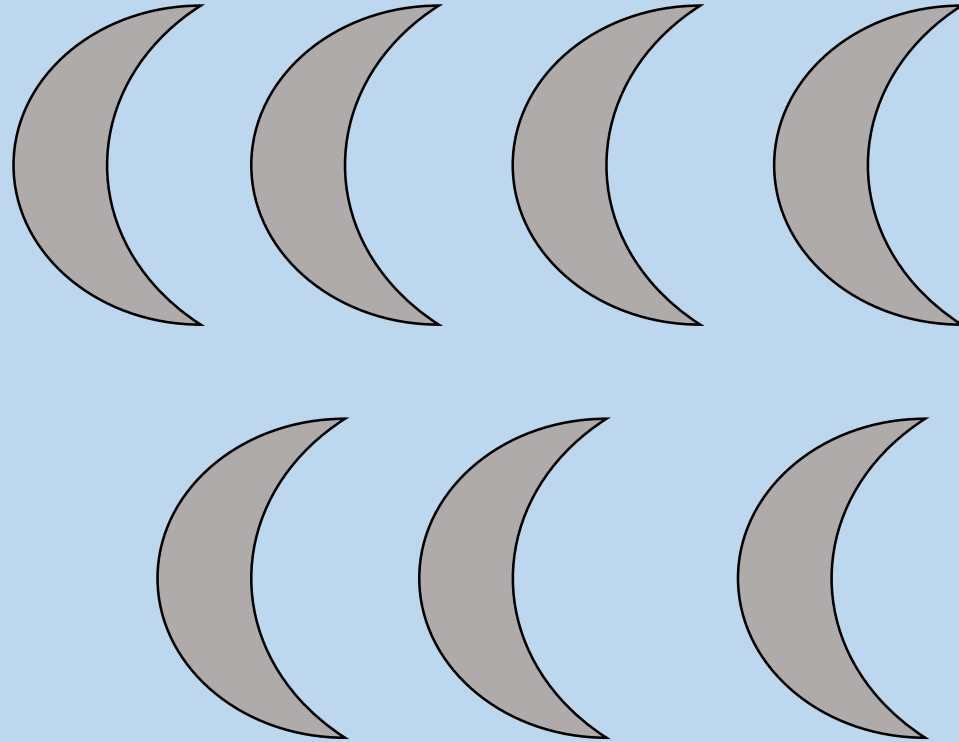
Subtraction from 10 using objects or pictures:

$$6 - 2 =$$



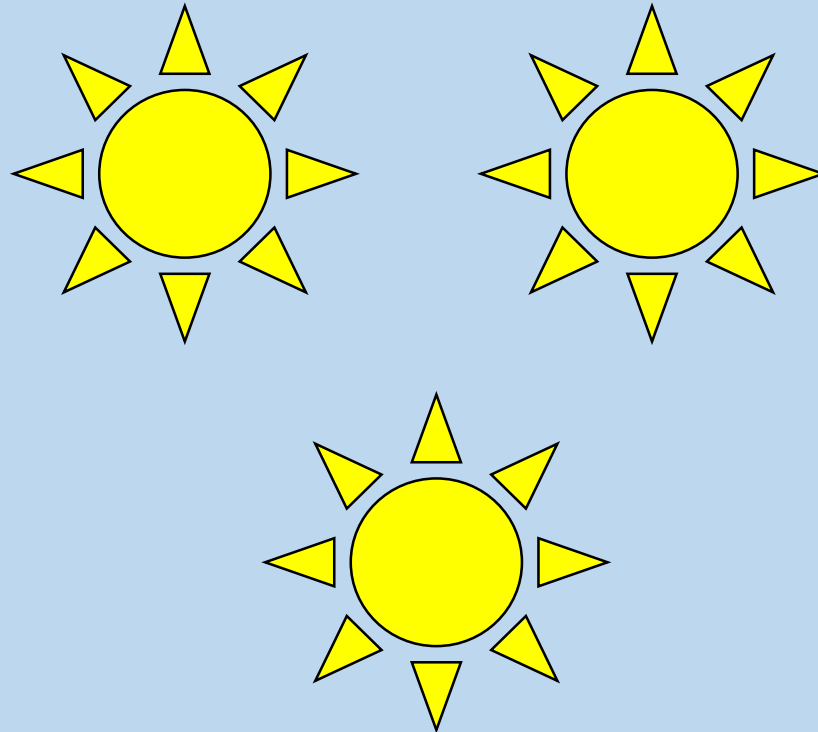
Subtraction from 10 using objects or pictures:

$$7 - 4 =$$



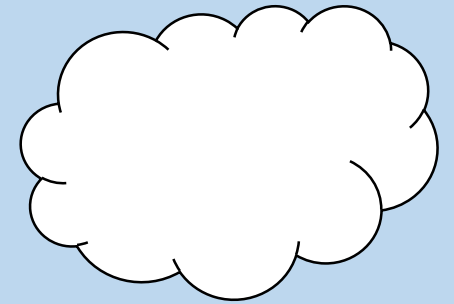
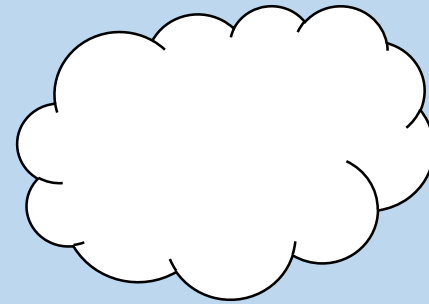
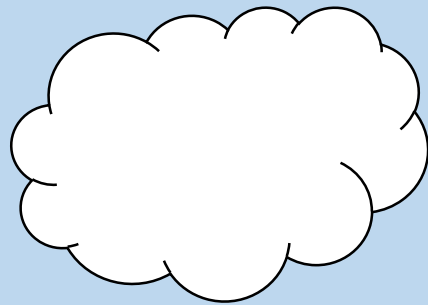
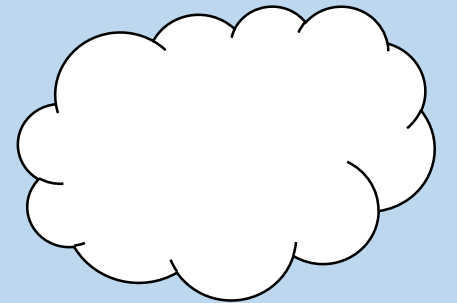
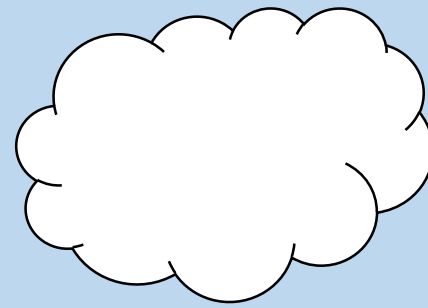
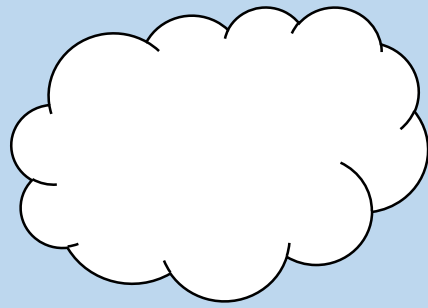
Subtraction from 10 using objects or pictures:

$$3 - 2 =$$



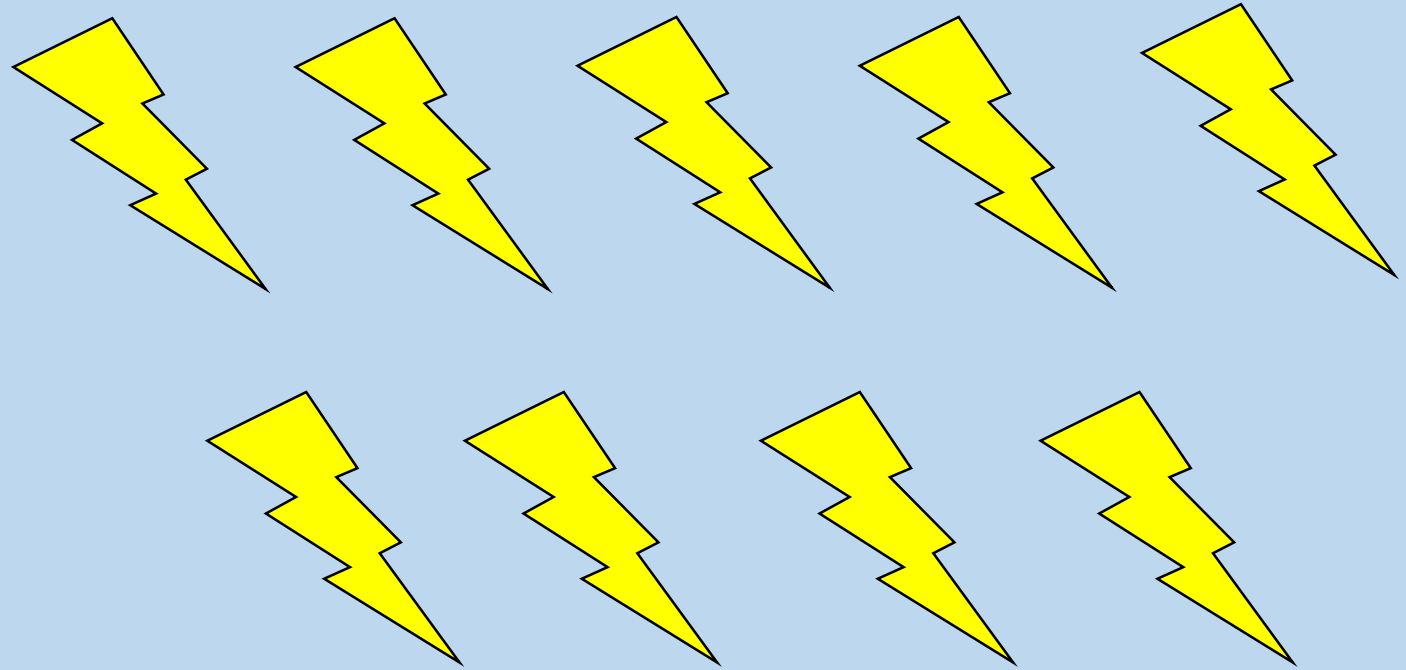
Subtraction from 10 using objects or pictures:

$$6 - 5 =$$



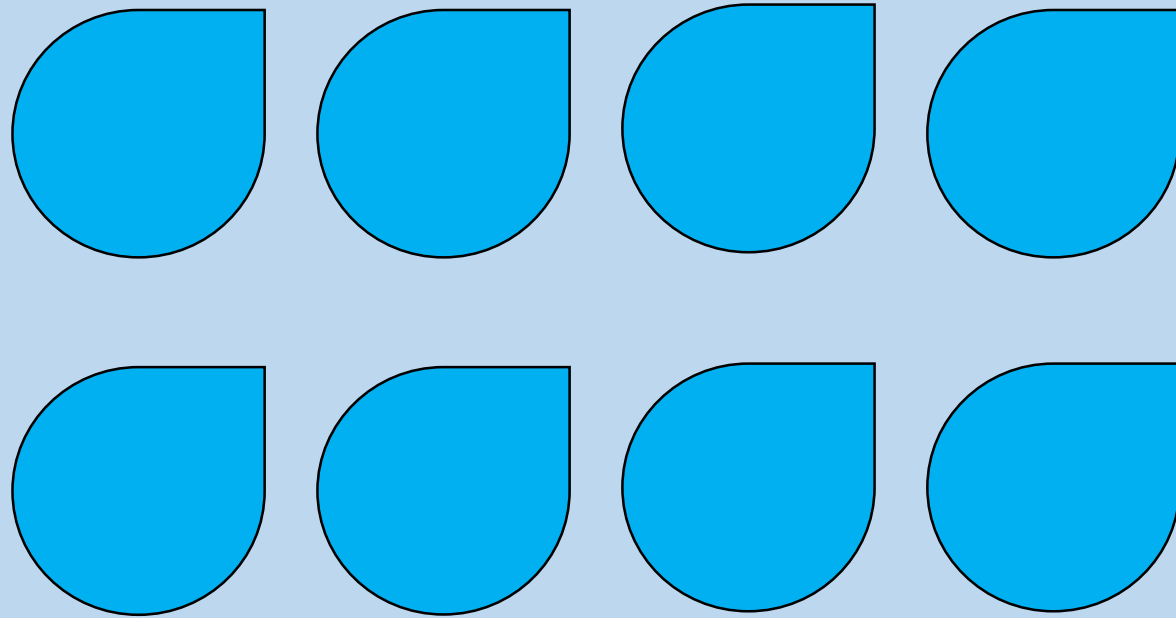
Subtraction from 10 using objects or pictures:

$$9 - 3 =$$



Subtraction from 10 using objects or pictures:

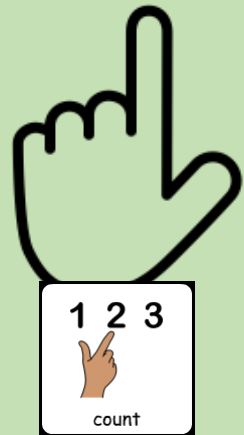
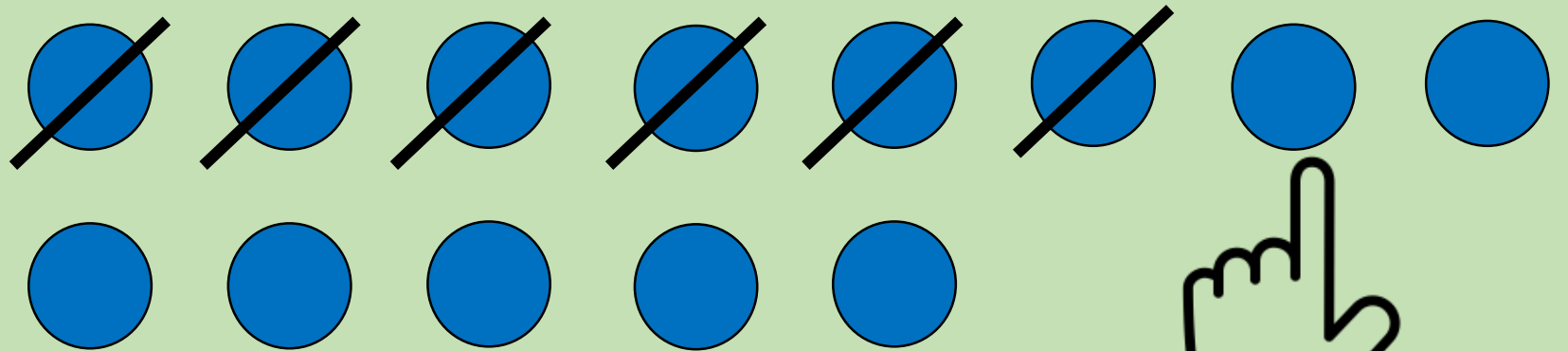
$$8 - 6 =$$



Subtraction from 20 using pictures:

1. Read the number sentence
2. Draw the correct number of pictures
3. Cross out the amount you are taking away
4. Count how many are left

$$13 - 6 = 7$$



Draw pictures to help you answer these questions

$15 - 4 =$

$20 - 3 =$

$11 - 5 =$

$16 - 10 =$

$19 - 8 =$

$10 - 9 =$

$15 - 6 =$

$18 - 2 =$

$20 - 13 =$

$17 - 5 =$

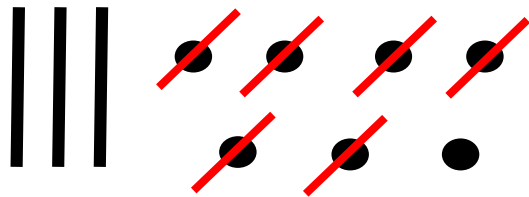
$16 - 7 =$

$20 - 10 =$

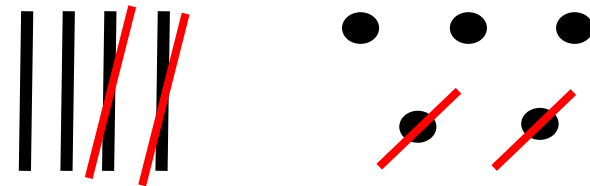
Subtraction from 50 using jottings:

1. Read the number sentence
2. Draw out jottings for the first number
3. Cross out the amount you are taking away
4. Count how many are left

$$37 - 6 = 31$$




$$45 - 22 = 23$$



Draw jottings to help you answer these questions

$25 - 4 =$	$38 - 3 =$
$37 - 5 =$	$16 - 4 =$
$49 - 8 =$	$47 - 5 =$
$35 - 3 =$	$29 - 12 =$
$48 - 13 =$	$37 - 15 =$
$39 - 27 =$	$45 - 10 =$

Subtraction using the column method:

$\begin{array}{r} 75 \\ - 48 \\ \hline \\ \hline \end{array}$ <p>Place the numbers one on top of the other, lining up the tens and the ones.</p>	$\begin{array}{r} 75 \\ - 48 \\ \hline \\ \hline \end{array}$ <p>Start by subtracting the ones (always start from the right-hand column). The answer to $5 - 8$ is negative.</p>	$\begin{array}{r} 6 \quad 1 \\ \cancel{7}5 \\ - 48 \\ \hline 7 \\ \hline \end{array}$ <p>Exchange a 10 from the 70 to give 15 ones. Subtract the ones: $15 - 8 = 7$</p>
$\begin{array}{r} 6 \quad 1 \\ \cancel{7}5 \\ - 48 \\ \hline 27 \\ \hline \end{array}$ <p>Subtract the tens: $60 - 40 = 20$</p>	$\begin{array}{r} 6 \quad 1 \\ \cancel{7}5 \\ - 48 \\ \hline 27 \\ \hline \end{array}$ <p>Check your answer. </p>	

Subtraction using the column method:

1

$$\begin{array}{r} 453 \\ -348 \\ \hline \\ \hline \end{array}$$

Place the numbers one on top of the other, lining up the hundreds, tens and ones.

2

$$\begin{array}{r} 453 \\ -348 \\ \hline \\ \hline \end{array}$$

Subtract the ones (note that the answer to $3 - 8$ is negative).

3

$$\begin{array}{r} \overset{4}{4}\overset{1}{\cancel{5}}3 \\ -348 \\ \hline 5 \\ \hline \end{array}$$

Exchange a 10 from the 50 to give 13 ones. Subtract the ones: $13 - 8 = 5$

4

$$\begin{array}{r} \overset{4}{4}\overset{1}{\cancel{5}}3 \\ -348 \\ \hline 05 \\ \hline \end{array}$$


Subtract the tens: $40 - 40 = 0$

5

$$\begin{array}{r} \overset{4}{4}\overset{1}{\cancel{5}}3 \\ -348 \\ \hline 105 \\ \hline \end{array}$$

Subtract the hundreds: $400 - 300 = 100$

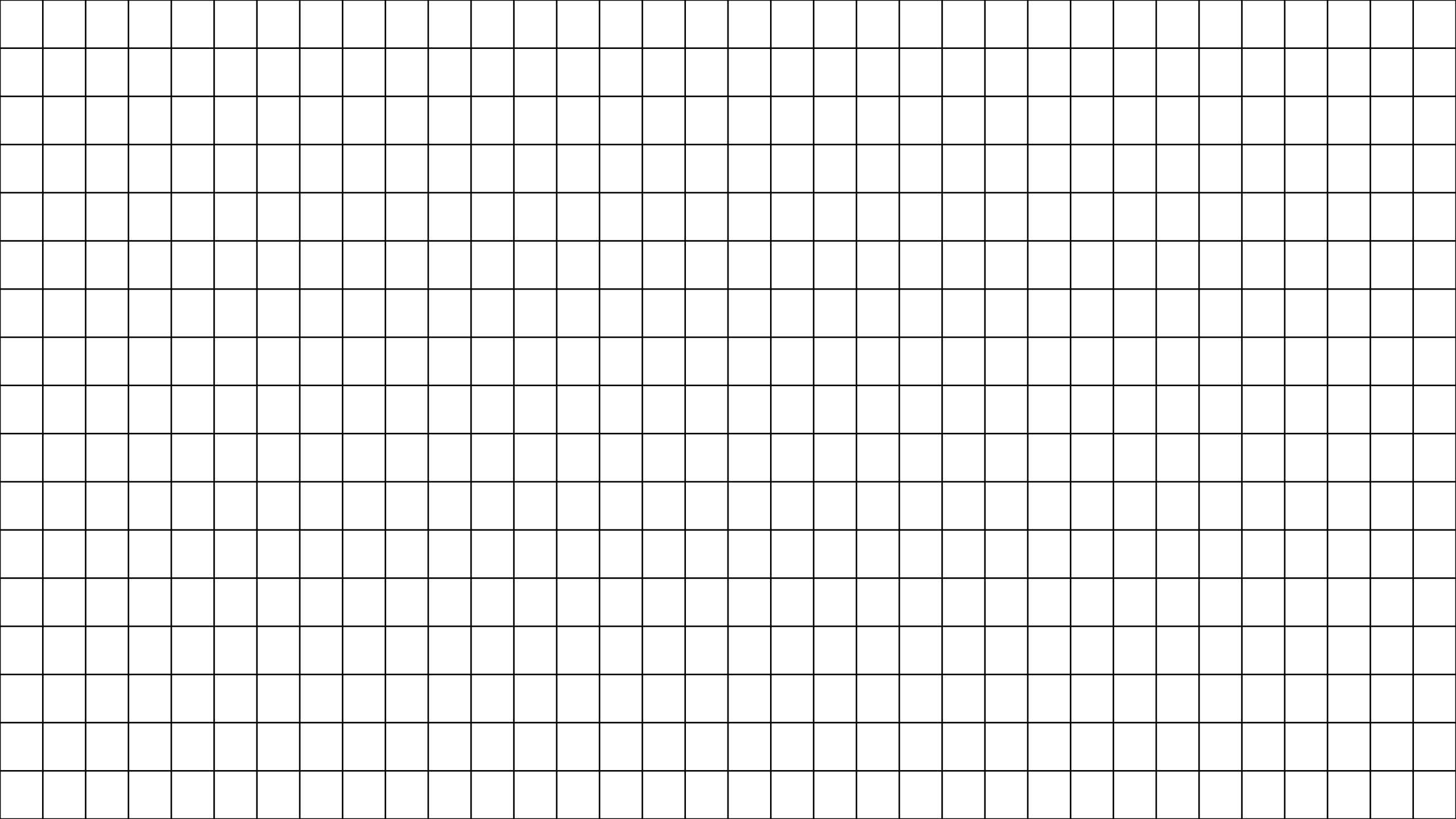
6

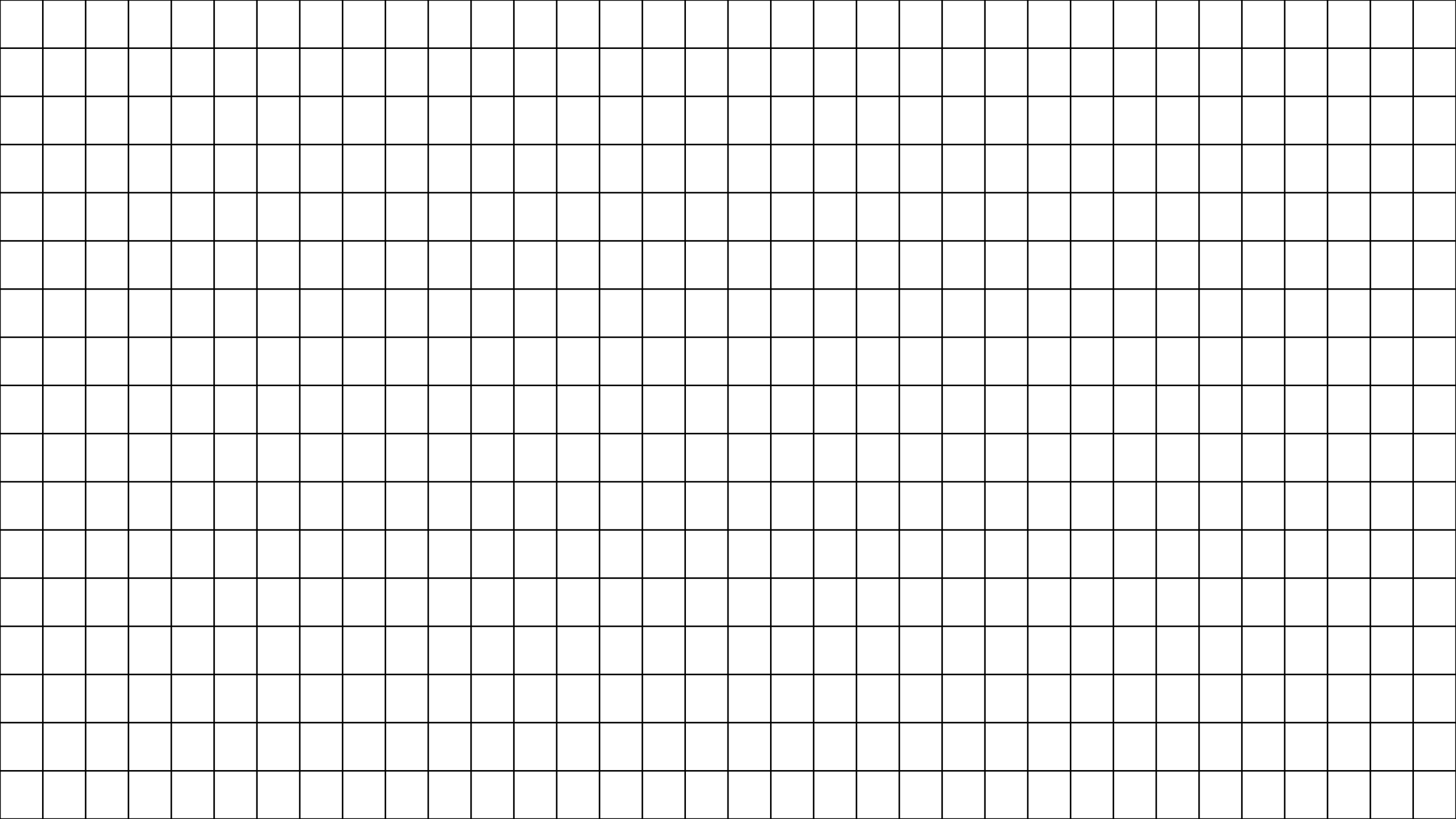
$$\begin{array}{r} \overset{4}{4}\overset{1}{\cancel{5}}3 \\ -348 \\ \hline 105 \\ \hline \end{array}$$


Check your answer.

Use the column method to answer these questions.
There is some squared paper on the next slide.

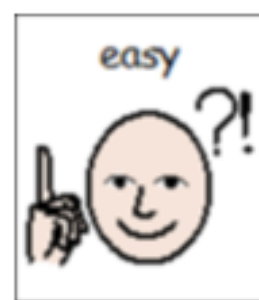
$57 - 15 =$	$38 - 13 =$
$37 - 15 =$	$43 - 25 =$
$86 - 39 =$	$53 - 36 =$
$146 - 129 =$	$542 - 216 =$
$682 - 259 =$	$953 - 218 =$
$952 - 117 =$	$625 - 207 =$

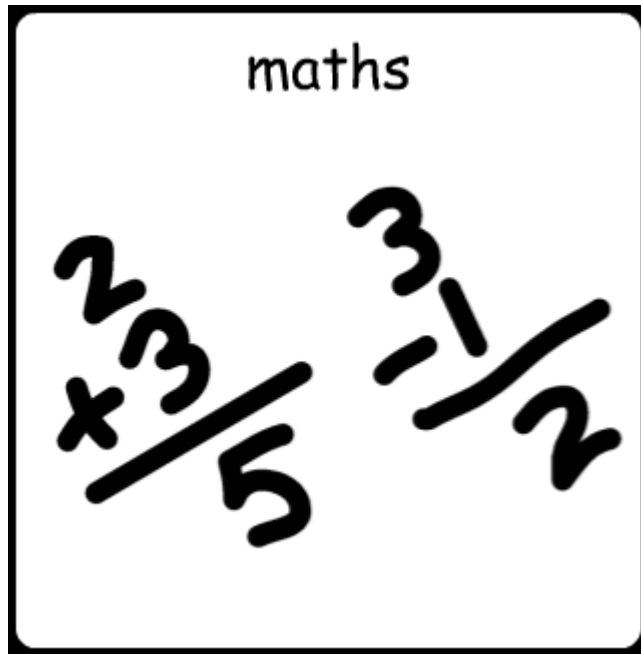







Self-assessment





Please let us know how you did, send us a tweet
@NorthRidgeSch 

You can also email pictures or work to:
homelearning@northridge.manchester.sch.uk