

Maths

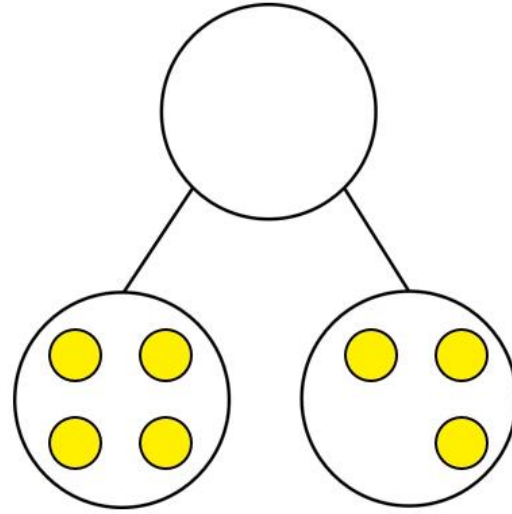
Tuesday 5th January

<https://vimeo.com/456121930>

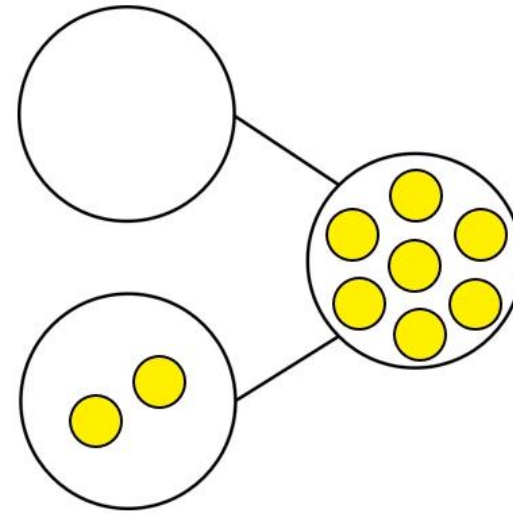
Watch this video and answer the questions on the next pages.

Complete the part-whole models

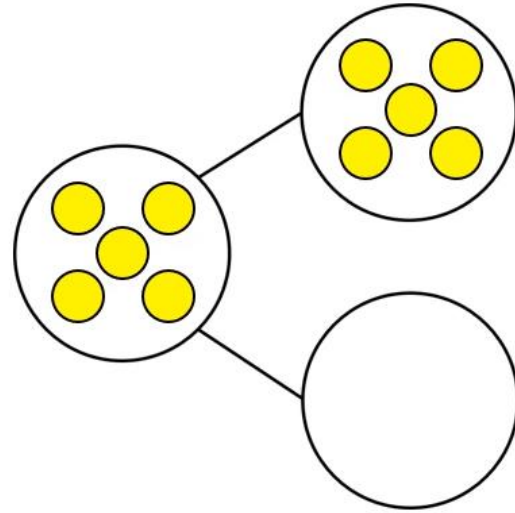
1)



2)



3)



Have a go at
questions 1 and 2 on
the worksheet



Tens	Ones

=

Tens	Ones

=

Tens	Ones

=

Tens	Ones

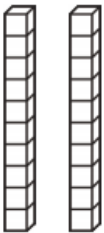

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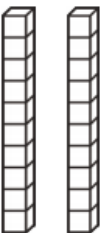
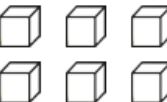
Tens	Ones

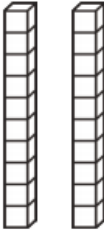
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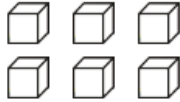
Have a go at
questions 3 - 5 on
the worksheet

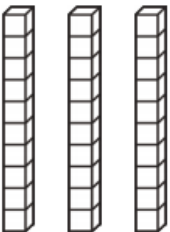



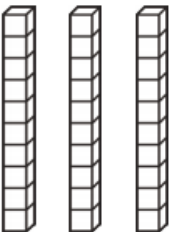
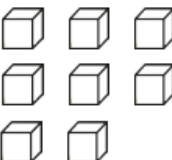
	
tens	ones

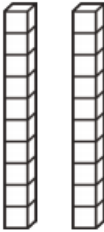

	
tens	ones

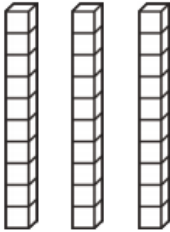
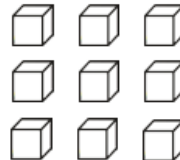
	
tens	ones

	
tens	ones

	
tens	ones

	
tens	ones

	
tens	ones

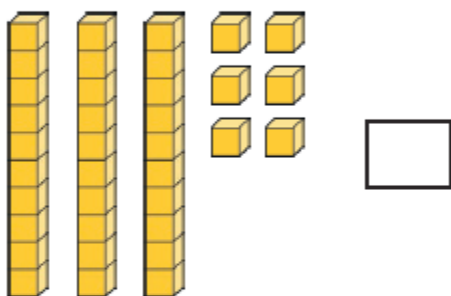
	
tens	ones

Challenge

1. a) Circle the arrow cards that recombine to make the number 25



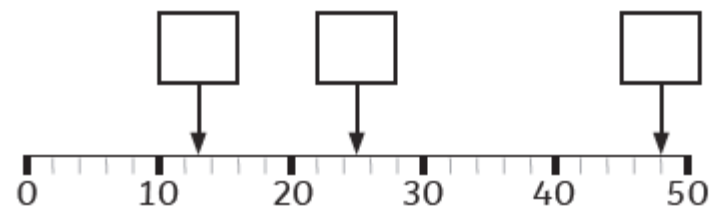
- b) Write the number represented below using base ten.



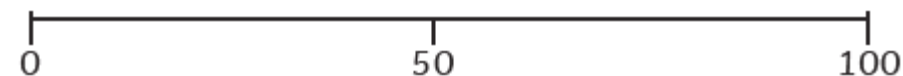
- c) Match each number with the correct label.

has 3 ones	18
has more than 7 ones	23
has 8 tens	81

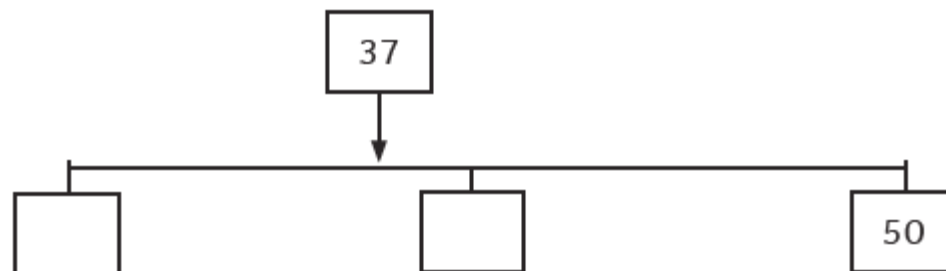
2. a) Fill in the missing numbers.



- b) Estimate the position of 20 on the number line.



3. Grace has labelled 37 on her number line. Fill in the missing labels.



Maths
Wednesday 6th January

<https://vimeo.com/462380184>

Watch this video and answer the
questions on the next pages.

Complete these double facts

$$1) 2 + 2 = \square$$

$$2) 3 + 3 = \square$$

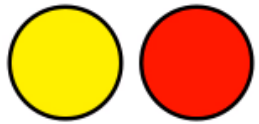
$$3) 5 + 5 = \square$$

$$4) 6 + 6 = \square$$

Have a go at questions
1 - 3 on the worksheet



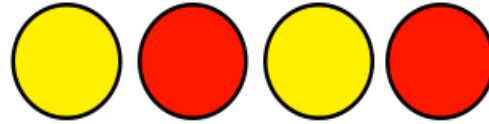
Write the numbers bonds for 3, 4 and 5



$$0 + 2 = 2$$

$$1 + 1 = 2$$

$$2 + 0 = 2$$



Have a go at questions
4 - 6 on the worksheet



4. Check the calculations and circle the one that is incorrect.

$$7 = 5 + 2$$

$$2 = 10 - 8$$

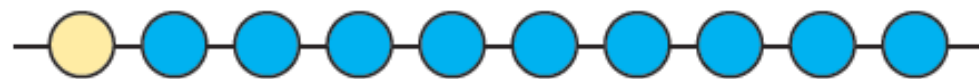
$$3 + 3 = 6$$

$$8 - 0 = 0$$

$$9 - 1 = 8$$

$$2 + 3 = 5$$

5. Write a fact family to match the model.



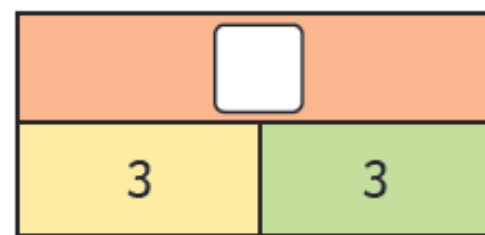
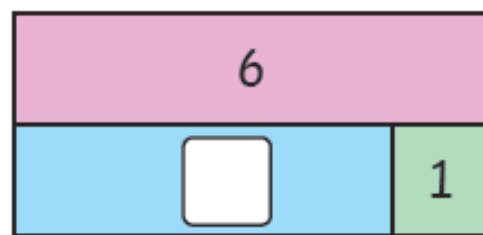
$$\square + \square = \square$$

$$\square + \square = \square$$

$$\square - \square = \square$$

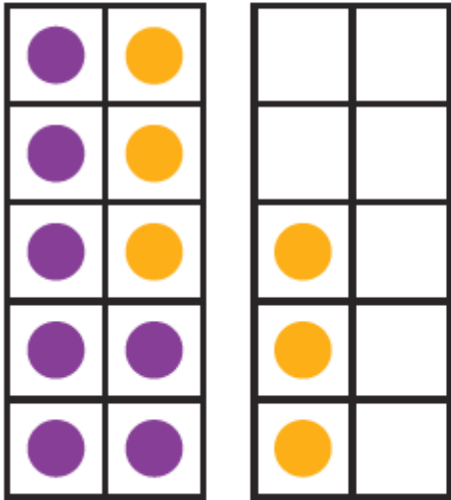
$$\square - \square = \square$$

6. Complete the bar models.



Challenge

1. Circle the calculations that match the ten-frames.



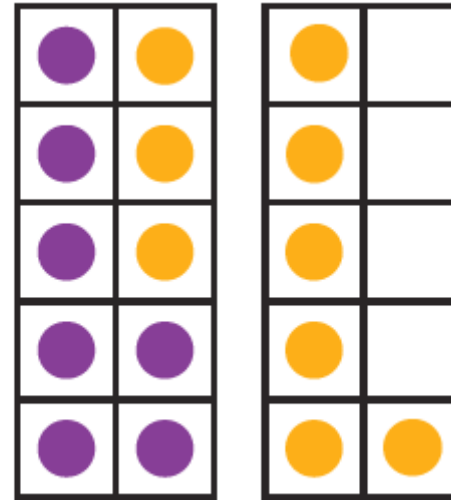
$$7 + 3 + 2 = 12$$

$$7 + 6 = 13$$

$$7 + 7 = 14$$

$$7 + 3 + 3 = 13$$

2. Write 2 calculations that match these ten-frames.



Maths

Thursday 7th January

<https://vimeo.com/461791410>

Watch this video and answer the questions on the next pages.

1) Find the mistake in this fact family.

$$15 = 7 + 8$$

$$15 = 8 + 7$$

$$8 - 7 = 15$$

$$15 - 8 = 7$$

2) Complete the missing number bonds.

$$10 = 7 + \square$$

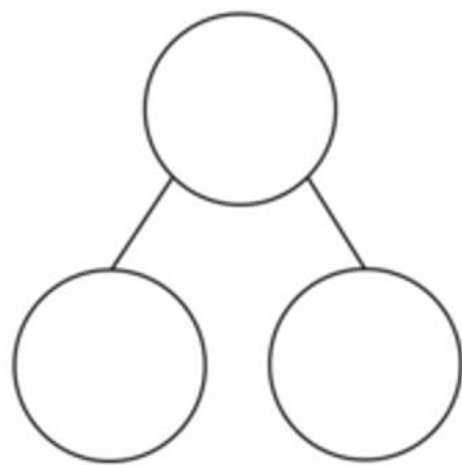
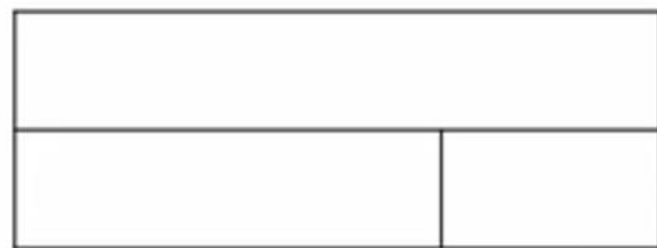
$$20 = 7 + \square$$

$$\square + 2 = 10$$

$$\square + 12 = 20$$

3)

$$13 + 4 = 17$$



Have a go at questions
1 and 2 on the
worksheet



1. Complete these calculations.

$3 + 17 = \boxed{}$

$10 - 4 = \boxed{}$

$\boxed{} = 6 + 6$

$\boxed{} = 20 - 1$

2. Write the missing symbol to complete each calculation correctly.

+

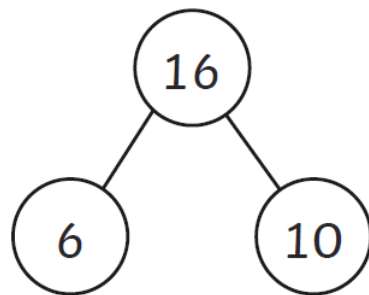
-

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$20 \boxed{} 5 = 15$

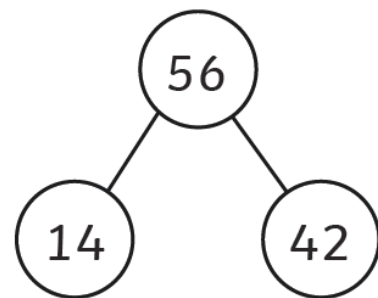
$10 \boxed{} 2 + 8$

Have a go at questions
3 and 4 on the
worksheet



$$16 - \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} + \underline{\quad} = 16$$



$$56 - \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} + \underline{\quad} = 56$$

24	
13	11

$$\underline{\quad} + \underline{\quad} = 24$$

$$24 - \underline{\quad} = \underline{\quad}$$

●	●	●	●	○
●	●	●	●	○
○	○	○		
○	○			

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

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

94	
23	71

$$\underline{\quad} + \underline{\quad} = 94$$

$$94 - \underline{\quad} = \underline{\quad}$$

●	●	●	●	●
●	●	●	●	●
●	●	●	●	○
●	●	●	●	○
○	○	○	○	
○	○	○		

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

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

Challenge

Can you write inverse number sentences using the numbers 22, 14 and 8?
Draw or make as many models as you can to match.

A large, empty rectangular box with a black border, intended for students to draw or write models that match the inverse number sentences.

Maths
Friday 8th January

<https://vimeo.com/467781234>

Watch this video and answer the
questions on the next pages.

1) Add the ones

$$5 + 3 = \square$$

$$4 + 4 = \square$$

2) Add the tens

$$50 + 30 = \square$$

$$40 + 30 = \square$$

3) Add the doubles

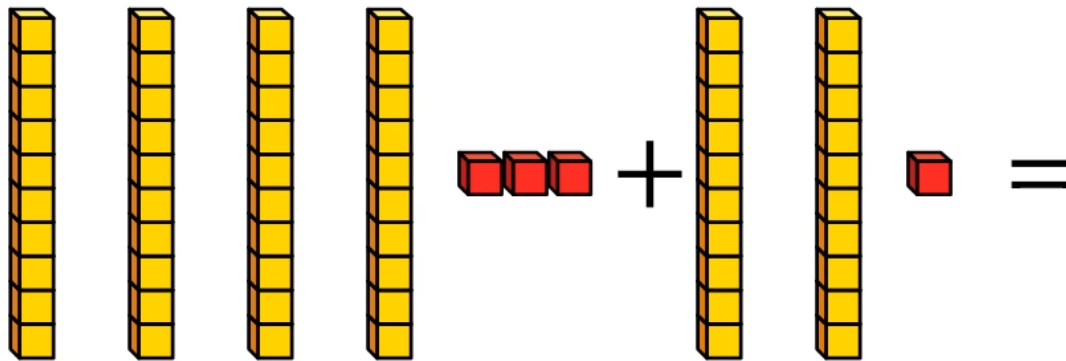
$$3 + 3 = \square$$

$$30 + 30 = \square$$

Have a go at question
1 on the worksheet



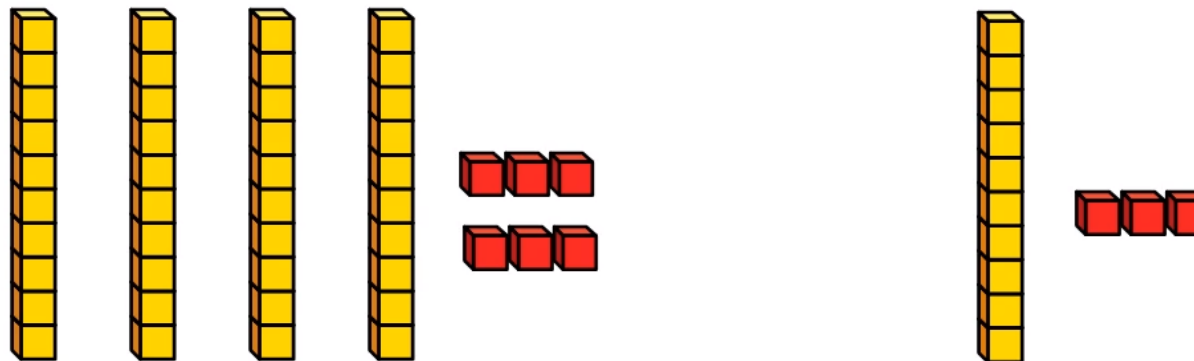
$$43 + 21$$



Have a go at question
2 on the worksheet



$$46 + 13 =$$



Have a go at questions
3 and 4 on the
worksheet



$$\begin{array}{r} \text{TO} \\ 15 \\ + 12 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \text{TO} \\ 34 \\ + 12 \\ \hline \\ \hline \end{array}$$

Have a go at questions
5 and 6 on the
worksheet



$$\begin{array}{r} \text{TO} \\ 54 \\ + 21 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \text{TO} \\ 62 \\ + 34 \\ \hline \\ \hline \end{array}$$

Challenge

What could be hiding under the splats?
Write all the possibilities

A vertical addition problem is shown on a light blue grid. The numbers are arranged as follows:

		T	O
			5
+			2
<hr/>			
		8	7
<hr/>			

Two blue splats are placed over the digits in the tens column: one over the 'T' and the '5', and another over the '+' and the '2'. The sum '87' is shown at the bottom with a double underline.