



Year 1 Maths Home Learning | Summer Term



Week beginning 8th June

Maths

<https://www.bbc.co.uk/bitesize/tags/zjpqqp3/year-1-and-p2-lessons/1>
<https://whiterosemaths.com/homelearning/year-1/>

After watching the videos and the online practice activities, have a go at these activities. Depending on your confidence choose Mild, Medium or Spicy.

Remember, these activities are to work from, not on. There is no expectation to complete all of the work or to print worksheets off – children can work on paper if they want to write it down. It is also fine for your child to just say the answer or for them to simply point to it! ☺

Extensions – You may wish to deepen your learning by looking at the worksheets provided by the BBC too.



Monday - Counting in 2s

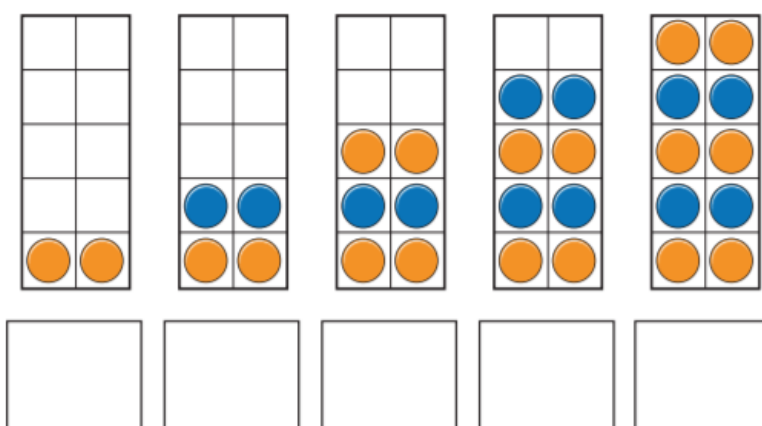
<https://www.bbc.co.uk/bitesize/tags/zjpqqp3/year-1-and-p2-lessons/1>
<https://whiterosemaths.com/homelearning/year-1/>

Children build on their previous knowledge of counting in multiples of 2 and go beyond 20 up to 50. They will apply previous learning of one more and one less to counting forwards and backwards in twos. For example, two more than and two less than. The 1-50 grid can be used to spot and discuss patterns that emerge when counting in 2s.

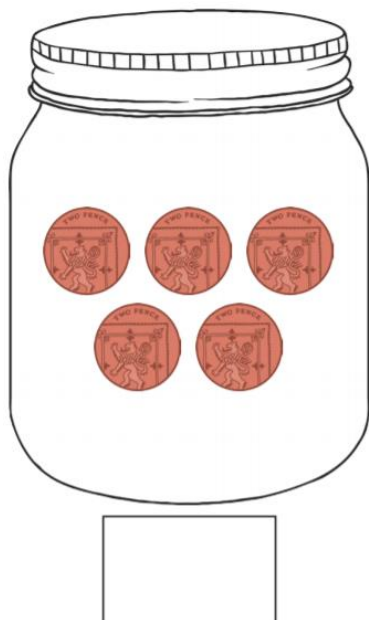
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50

Mild

1. What are the numbers?



2. How much money is in the jar? (Each coin is worth 2p)



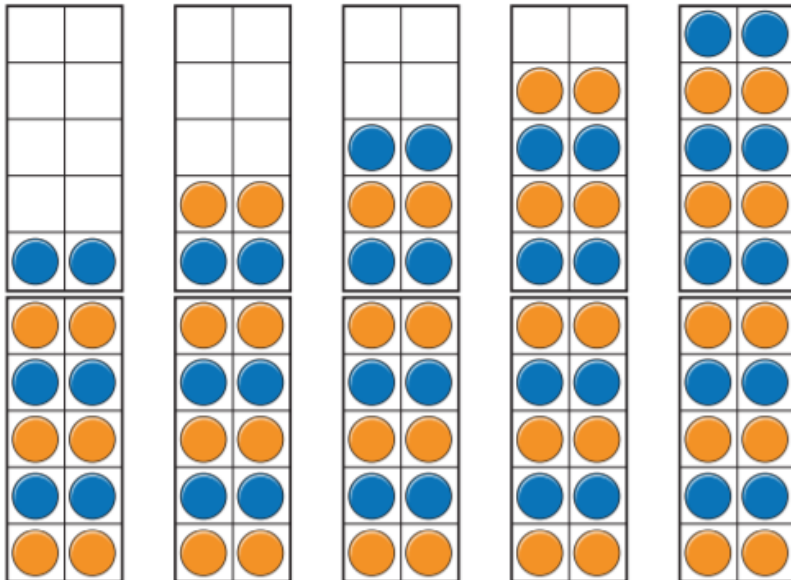
3. How many flowers are there?



There are flowers.

Medium

1. What are the numbers?



--	--	--	--	--

2. Circle 14 socks.

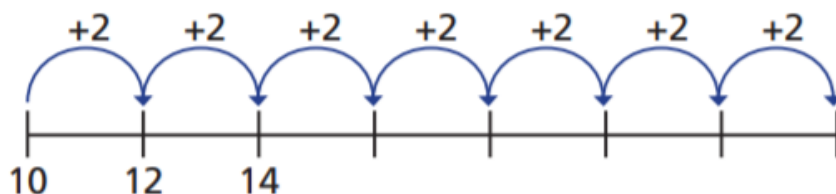


3. Fill in the missing numbers

a

18	16		12		8		
----	----	--	----	--	---	--	--

b



Spicy

1. How far can you count up in 2s?

Work with a partner.

Can you count up to 50 together?

Now try counting down in 2s from 50

2. Lola has been counting backwards in 2s.



38, 36, 34, 32, 30, 29, 26, 24...

What mistake has she made?

When counting in 2s from 0, the tens digit will always be 0, 2, 4, 6, 8.



Is Om right? Show how you know.

3. Rosie counts back from 50 in 2s.
Amir counts up from 12 in 2s.



50, 48, 46, 44...



12, 14, 16...

They say their numbers together.
Who will say 30 first.

Tuesday - Counting in 5s

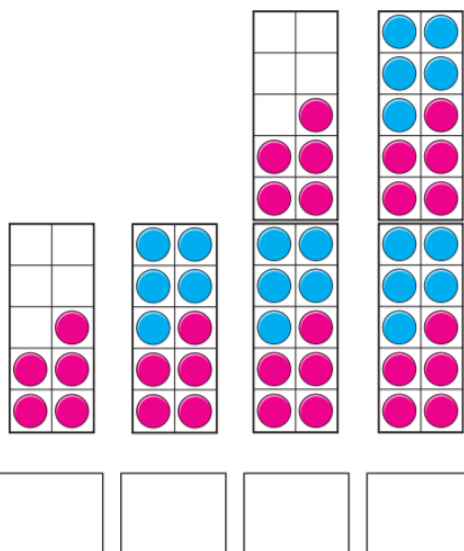
<https://www.bbc.co.uk/bitesize/tags/zjpqgp3/year-1-and-p2-lessons/1>
<https://whiterosemaths.com/homelearning/year-1/>

Children build on previous learning of counting in fives to go beyond 20 and up to 50. The 1-50 grid can be used to spot and discuss patterns that emerge when counting in 5s.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50

Mild

 What are the numbers?



2 How many spots are there in total?



There are spots in total.

3. Click on the following link to play a game
(skip count by 5s using sequences, objects and number charts)

<https://www.splashlearn.com/math-skills/second-grade/number-sense/count-by-5-s>

Count by 5's

Bryan is counting on by 5's. Which number follows 15?

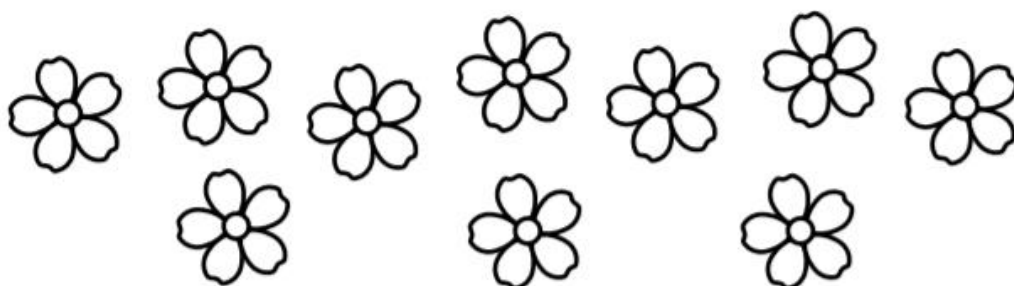
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Preview

10 20 25 5

Medium

1. Colour 35 petals. (Or circle/point to the flowers which represent 35 petals in total)



2. Fill in the missing numbers.

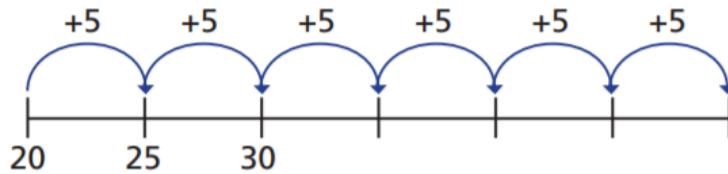
a)

0	5	10					
---	---	----	--	--	--	--	--

b)

50	45	40					
----	----	----	--	--	--	--	--

c)



3. Mo counts up to 50 in 5s.

Eva counts up to 50 in 2s.

What numbers do they both say?

Can you spot a pattern?

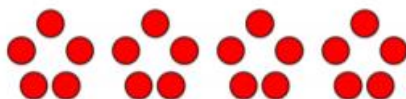
Spicy

1. Odd One Out



Which is the odd one out? Explain your answer.

2. Amir is making this flower pattern with counters.



Annie says,



If you make 9 flowers,
you will use 43 counters.

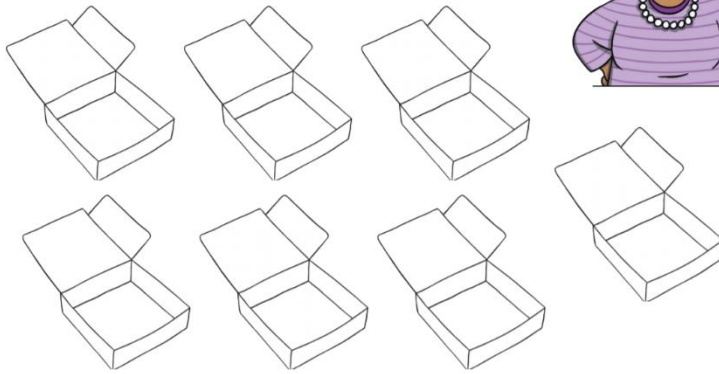
Do you agree with Annie?
Explain your answer.

3.

Boxes hold 5 cakes.

Grandma has made more than 5 cakes and less than 35. The boxes are full.

How many full boxes of cakes could she have?



Adult Guidance with Question Prompts

Children extend their ability to count in multiples of 5s to answer simple word problems. They can use the empty boxes and small objects to complete the task if needed. Encourage children to find all the possible answers.

Could Grandma have made 15 cakes? How do you know?

Could Grandma have made 22 cakes? How do you know?

Could Grandma have made 40 cakes? How do you know?

Could she have filled just one box of cakes? How do you know?

Could she have filled seven boxes of cakes? How do you know?

If she had filled four boxes of cakes, how many cakes would there be altogether?

If she had made 15 cakes, how many boxes would she need?

Wednesday- Counting in 10s

<https://www.bbc.co.uk/bitesize/tags/zipqgp3/year-1-and-p2-lessons/1>

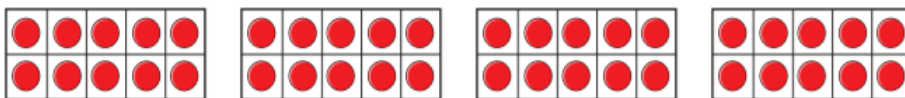
<https://whiterosemaths.com/homelearning/year-1/>

Children count in groups of tens for the first time. Previously they have counted in 2s and 5s. They use pictures, bead strings and number lines to support their counting. Counting in 10s on a hundred square will also support children to see the similarities between the numbers when we count in tens.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

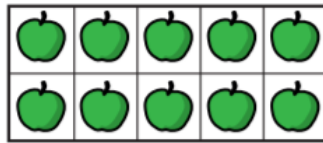
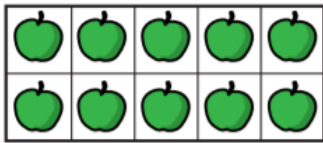
Mild (remember not to count in ones- each picture is a tens frame)

1. How many counters are there altogether?



There are counters altogether.

2. How many apples are there altogether?



There are apples on each ten frame.

There are ten frames.

There are apples altogether.

3. Click on the following link to play a game
(skip count by 10s using sequences, objects and number charts)

<https://www.splashlearn.com/math-skills/second-grade/number-sense/count-by-10-s>

Count by 10's

Reeve is counting on by 10's. Which number follows 10?

1 2 3 4 5 6 7 8 9 10
11 12 13 14 15 16 17 18 19 20
21 22 23 24 25 26 27 28 29 30
31 32 33 34 35 36 37 38 39 40
41 42 43 44 45 46 47 48 49 50
51 52 53 54 55 56 57 58 59 60
61 62 63 64 65 66 67 68 69 70
71 72 73 74 75 76 77 78 79 80
81 82 83 84 85 86 87 88 89 90
91 92 93 94 95 96 97 98 99 100

Preview

40 0 30 20

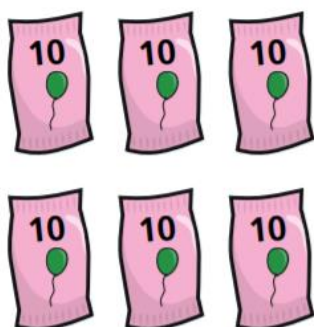
Medium

1. Complete the number tracks.

10	20					
----	----	--	--	--	--	--

70		50					
----	--	----	--	--	--	--	--

2. Tom has these balloons.



He needs 60 balloons for a party.

Does Tom have enough balloons? _____

How do you know?

3. Jemima is counting in 10s on part of a hundred square.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50

She starts at 10

Shade in all the numbers Jemima will say.

What is the same about the numbers she says?

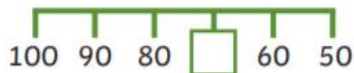
What is different about the numbers?

Spicy

1.



Which numbers are missing?



Look at the first number line. Can you see a number pattern with the tens and the ones?

What does this tell you about the missing number?

What can you tell me about the next number line?

What will we need to do?

Can you count back in tens to find the answer?

What can you do to work out the hidden numbers on the hundred square? Can you say them?

What would they look like? How would you write them?

Use a counter to hide a tens number on a hundred square.

Can your friend work out which number is hidden?

With an adult, count forward or back in tens, but skip a number. Can your friend work out the missing number?

Which numbers are hidden?

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	
31	32	33	34	35	36	37	38	39	
41	42	43	44	45	46	47	48	49	
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71	72	73	74	75	76	77	78	79	
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91	92	93	94	95	96	97	98	99	100

How did you find out?

2. Each box has 10 cards.



I have 80 cards. Can I fill up 9 boxes?



How many cards will Belinda need to fill nine boxes?

What can you do to work this out?

Does Belinda have enough cards?

How many more cards does she need? Can you show me?

Each pack has 10 cards.

I need 70 cards. Do I have the right number?



How many cards does Boris need?

How many packs does he have?

How many cards does he have in total? Is this the right number?

If you count in tens from zero, will you say 32?

Can you find a way to prove it?

Start at 0. Count in 10s.

Will you say 32?

32

Take turns with a partner to count forward or back in tens.

Thursday- Equal groups and repeated addition

<https://www.bbc.co.uk/bitesize/tags/zjpqqp3/year-1-and-p2-lessons/1>
<https://whiterosemaths.com/homelearning/year-1/>

Children use equal groups to find a total. They focus on counting equal groups of 2, 5 and 10 and explore this within 50. Children could begin by linking this to real life, for example animal legs, wheels, flowers in vases etc. Stem sentences alongside number sentences can help children link the calculation with the situation. Ensure children have the opportunity to say their sentences aloud.

Mild

1. How many wheels altogether?



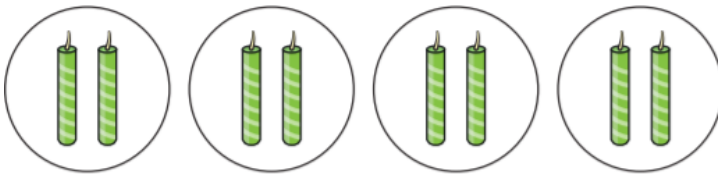
$$2 + 2 + 2 + 2 + 2 = \square$$

How many fingers altogether?



$$5 + 5 + 5 = \square$$

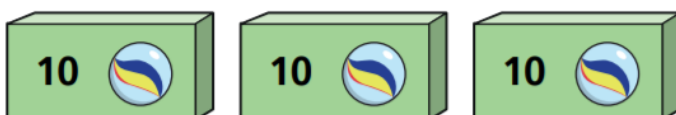
2. How many candles are there?



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

There are $\square$ candles.

3. How many marbles are there?



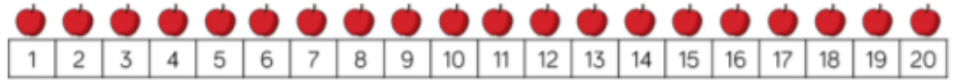
$$\square + \square + \square = \square$$

There are $\square$ marbles.

Medium

1.

How many apples are there? Complete the sentences.



$$5 + 5 + 5 + 5 = \underline{\quad}$$

There are apples.

There are groups of apples which is equal to

2.

Add Equal Groups



There are pairs of socks.



How many socks altogether?

$$2 + 2 + 2 = \boxed{\quad}$$

What if there was 1 more pair?

There are bunches of balloons.



How many balloons altogether?

$$\boxed{\quad} + \boxed{\quad} + \boxed{\quad} + \boxed{\quad} = \boxed{\quad}$$

What if there was 1 more bunch?

How many pairs of socks can you see?

How many socks are in each pair?

Can you read the calculation?

What can you do to find the total?

How many socks would you have if you had one more pair?

How many bunches of balloons can you see?

How many balloons are in each bunch?

Can you complete the sentence?

What would the calculation look like?

How could you find the total if there was one more bunch?

Adult-led activity:

Can you make some equal groups using objects in the classroom?

What can you say to add them up?

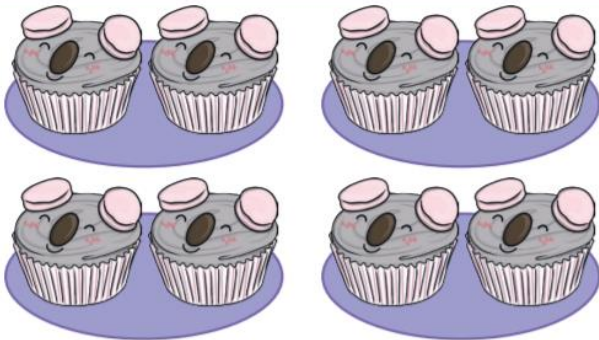
'There are groups of .' 'There are altogether.'

Spicy

1.

There are 2 groups of 4 cakes.

True or false?



How many groups are there?

How many cakes are there in each group?

There are two groups of four cakes. Is this true or false?

What is the total? Can you count in fives to add the groups?

Are there three groups of five? How many groups are there? How many are in each group?

Can you write the calculation? How many are in the first group? Which sign should we use?

Adult-led activity:

Make or draw three equal groups and write the calculation to match.

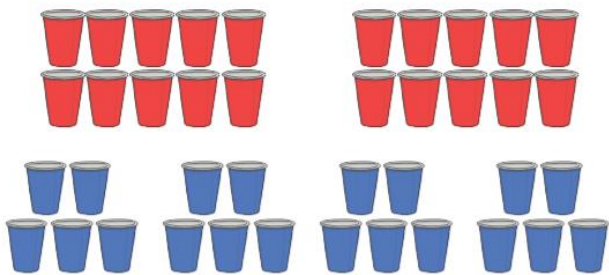
Tick the right one.

- ☐ The total is 20.
- ☐ There are 3 groups of 5.
- ☐ $3 + 3 + 3$

2.

True or false?

2 groups of 10 cups is more than 4 groups of 5 cups.



How many cups are in two groups of ten/four groups of five?

Is the statement true or false?

The groups of ten cups make 20 and the groups of five cups make 20. If you had groups of two cups, how many groups would you need to make 20?

How many plates can you see?

How many cakes are on each plate?

How many cakes are there altogether?

How many plates will make a total of 30 cakes?

How many more plates of cakes are needed?

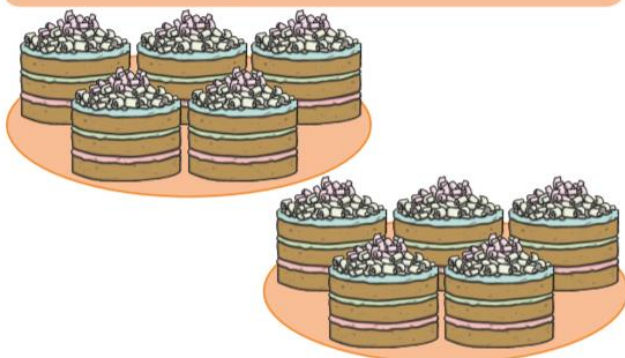
Adult-led activity:

How many different ways can you find to make a total of 30 with equal groups of two, five or ten?

Insert question prompts questions here.

I need 30 cakes.

How many more plates do I need?



Friday- Maths in football

<https://www.bbc.co.uk/bitesize/tags/zjpqqp3/year-1-and-p2-lessons/1>

Friday is 'maths in football' day on BBC Bitesize Daily. Today we would like you to have a go at completing all or some of the following football maths questions.

How much can you remember from your previous learning at both school and your home learning?

1. Can you put the pictures into order from smallest $\rightarrow$ tallest?

A.



B.



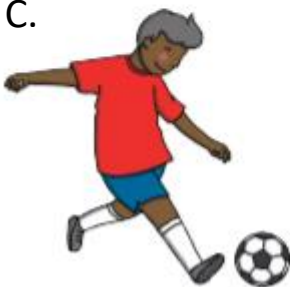
D.



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$\longrightarrow$

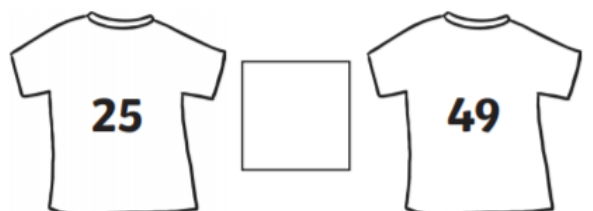
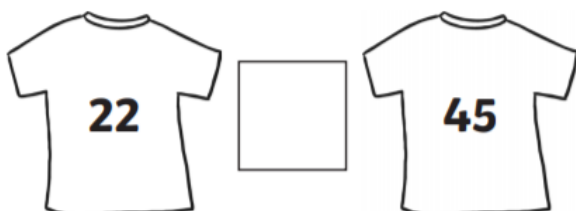
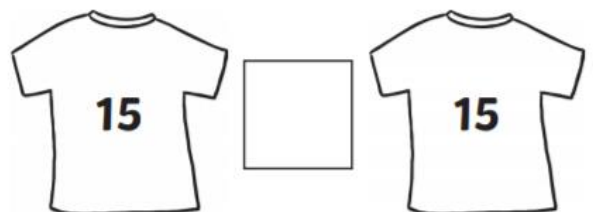
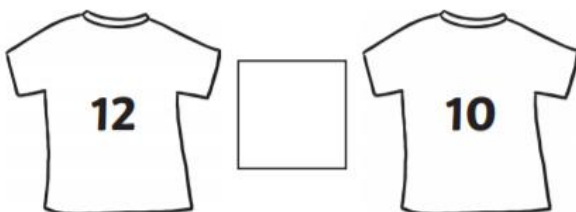
C.



E.



2. Compare the numbers and write $<$, $>$ or $=$ in the box.



3.



At _____ o'clock, Harry woke up.



At _____ o'clock, Harry ate a fruit salad for breakfast.



Draw the hands on the clock to show that Harry went to the gym at half past 2.



Draw the hands on the clock to show that Harry went football training at 5 o'clock.

4. Solve the maths calculations to crack the codes to reveal the football-themed words.

a	b	c	d	e	f	g	h	i	j	k	l	m
9	7	10	6	16	3	12	19	23	15	1	24	13

n	o	p	q	r	s	t	u	v	w	x	y	z
8	21	17	5	18	4	20	11	2	22	25	14	26

	Answer	Letter
20 - 8		
11 + 10		
19 - 10		
15 + 9		

	Answer	Letter
10 + 10		
10 + 6		
15 - 6		
16 - 3		

	Answer	Letter
17 - 4		
12 - 3		
13 + 7		
20 - 10		
17 + 2		

	Answer	Letter
10 + 7		
13 + 10		
16 + 4		
21 - 11		
21 - 2		

5. Use the tally chart to answer the questions.

Player	Goals Scored
Jeli Ali	
Meemar	
Paul Moles	
David Peckham	

- How many goals does Meemar score?
- How many more goals did Paul Moles score than Jeli Ali?

6. Footballs are bought in bags of 5.

- How many balls are in 2 bags?
- How many balls are in 6 bags?
- How many bags should I buy if I need 40 footballs?



7. Twinkl Rovers use these digits to make 2-digit numbers for their players' shirts.

1 2 3 4

- How many different numbers can they make?
- If they also use the digit '5', how many more numbers can be made?