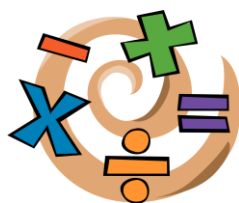




Walter Infant School and Nursery



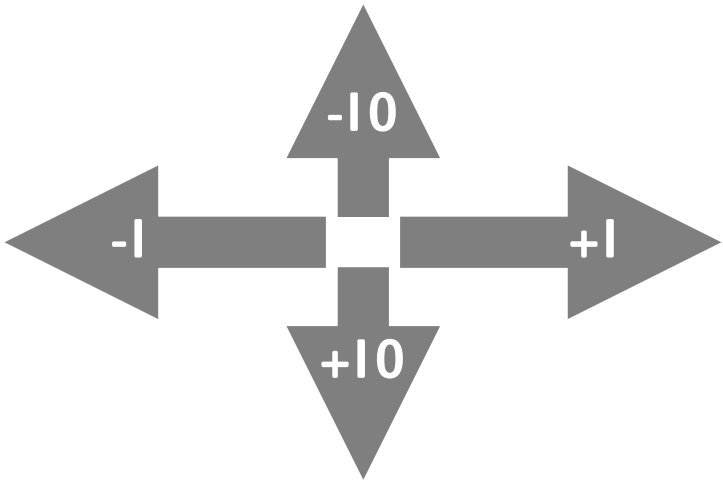
Year Two

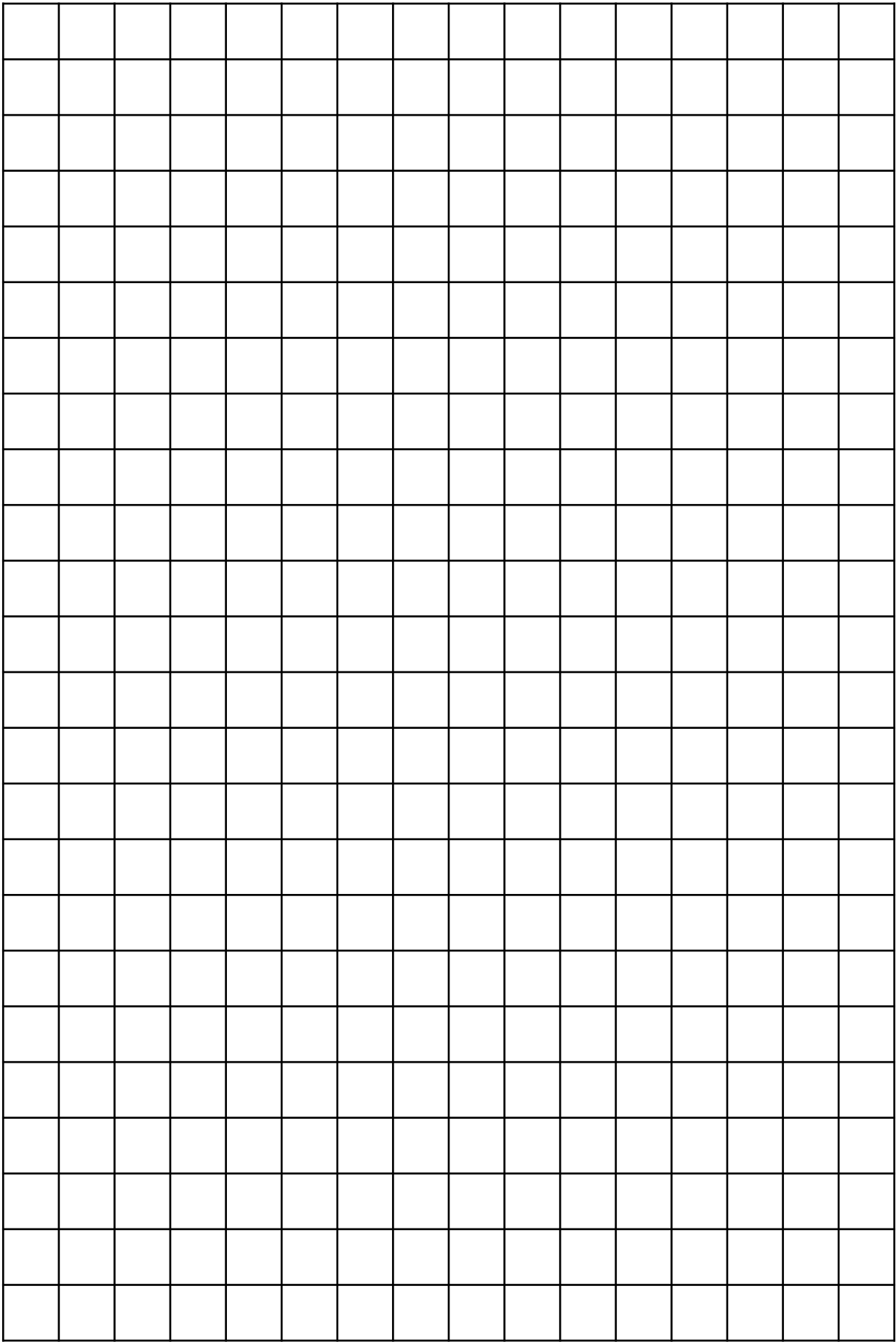
Maths Home Learning Pack 10

Name:.....

One 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
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





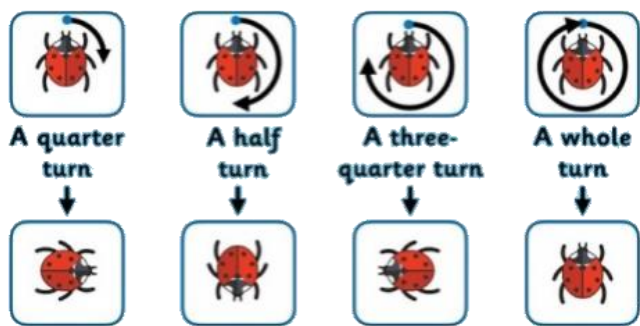
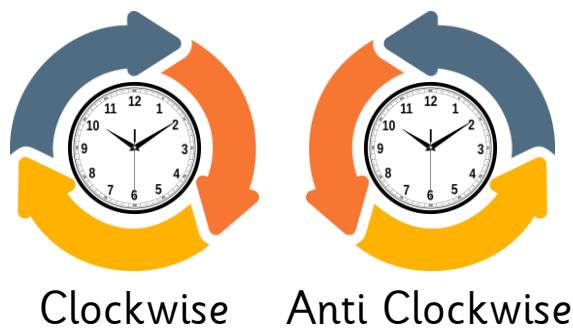
Mental Mathematics on Walter Tube

The children need to practise their mental mathematics as regularly as possible. Visit our [Walter Tube channel](#) to find the following videos. You can access these on a phone, tablet, computer or even a smart TV. The more the children practise at these the faster and better they will get. Try practising just a few each day.

Subitising – instantly see how many things there are without counting. https://www.youtube.com/watch?v=xosFB4sFTK4 - Numicon https://www.youtube.com/watch?v=anLFEKFAMkk - Pound Coins https://www.youtube.com/watch?v=XPwTyBQHI_U - Pennies https://www.youtube.com/watch?v=p62sssP8zdk - Dots https://www.youtube.com/watch?v=SxwaAc609Q - Dice https://www.youtube.com/watch?v=7qrs3nhjtkM - Bears	
Counting Patterns 2s - https://youtu.be/lmaHD2MSHY 3s - https://youtu.be/hhiFQRg2GoU 5s - https://youtu.be/kMAzgb9GOVE 10s - https://youtu.be/6K2Re0AZTiE	Mixed Up Counting Patterns 2s - https://youtu.be/cTAvwMTW_2c 3s - https://youtu.be/mnPHxxIcZq4 5s - https://youtu.be/TQ3XR-ugzns 10s - https://youtu.be/Po4WSqWnNUE
Multiplication Challenge x 2 - https://youtu.be/bSwTUZvDDNg x 3 - https://youtu.be/zuKjxNIxjmQ x 5 - https://youtu.be/xQ4kPIZfCPc x 10 - https://youtu.be/8Z2Pijb-Xvg	Division Challenge ÷ 2 - https://youtu.be/p78FGUAbrUU ÷ 3 - https://youtu.be/Bnd_TB03gCO ÷ 5 - https://youtu.be/oXPYkJqLdzU ÷ 10 - https://youtu.be/hGJhXYgH1RM

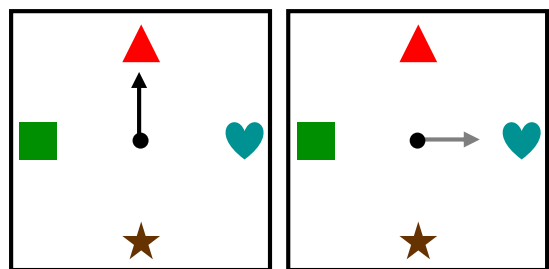
Don't forget there are lots of maths activities on Education City, Purple Mash, The Oak National Academy and BBC Bitesize.

Movement and Rotation

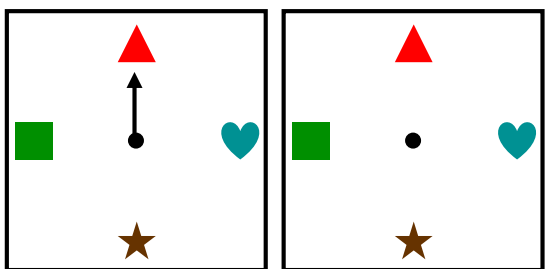


Draw the position of the pointer after it makes the turn. The first one has been done for you.

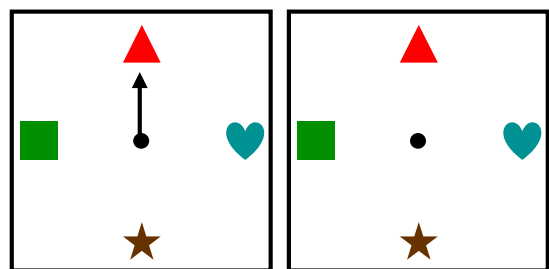
1. quarter turn clockwise



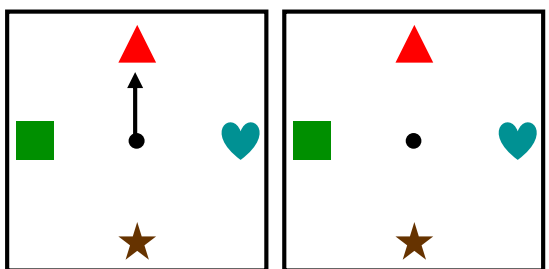
2. half turn clockwise



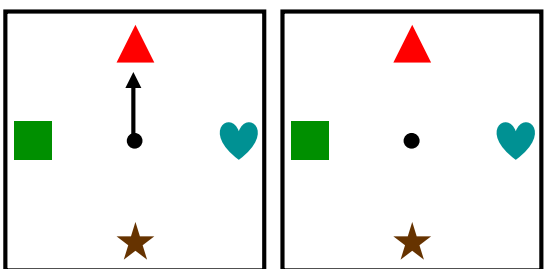
3. quarter turn anti clockwise



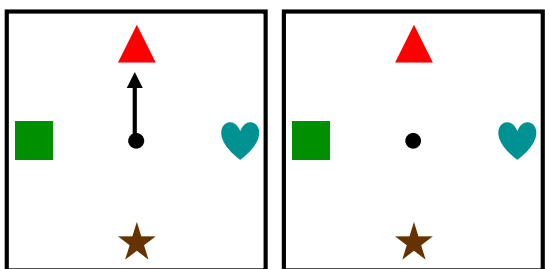
4. half turn anti clockwise



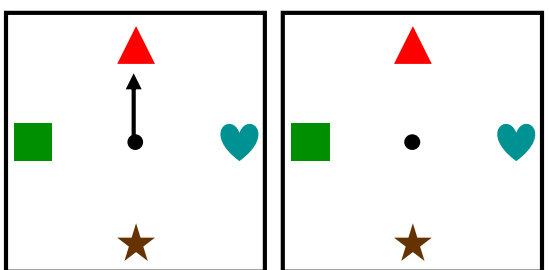
5. three quarter turn clockwise



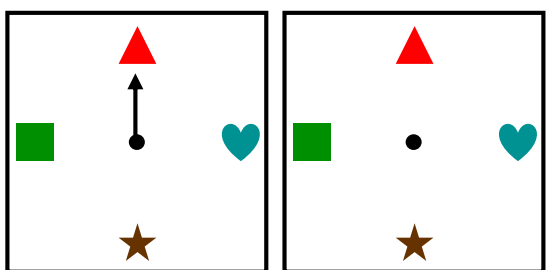
6. whole turn clockwise



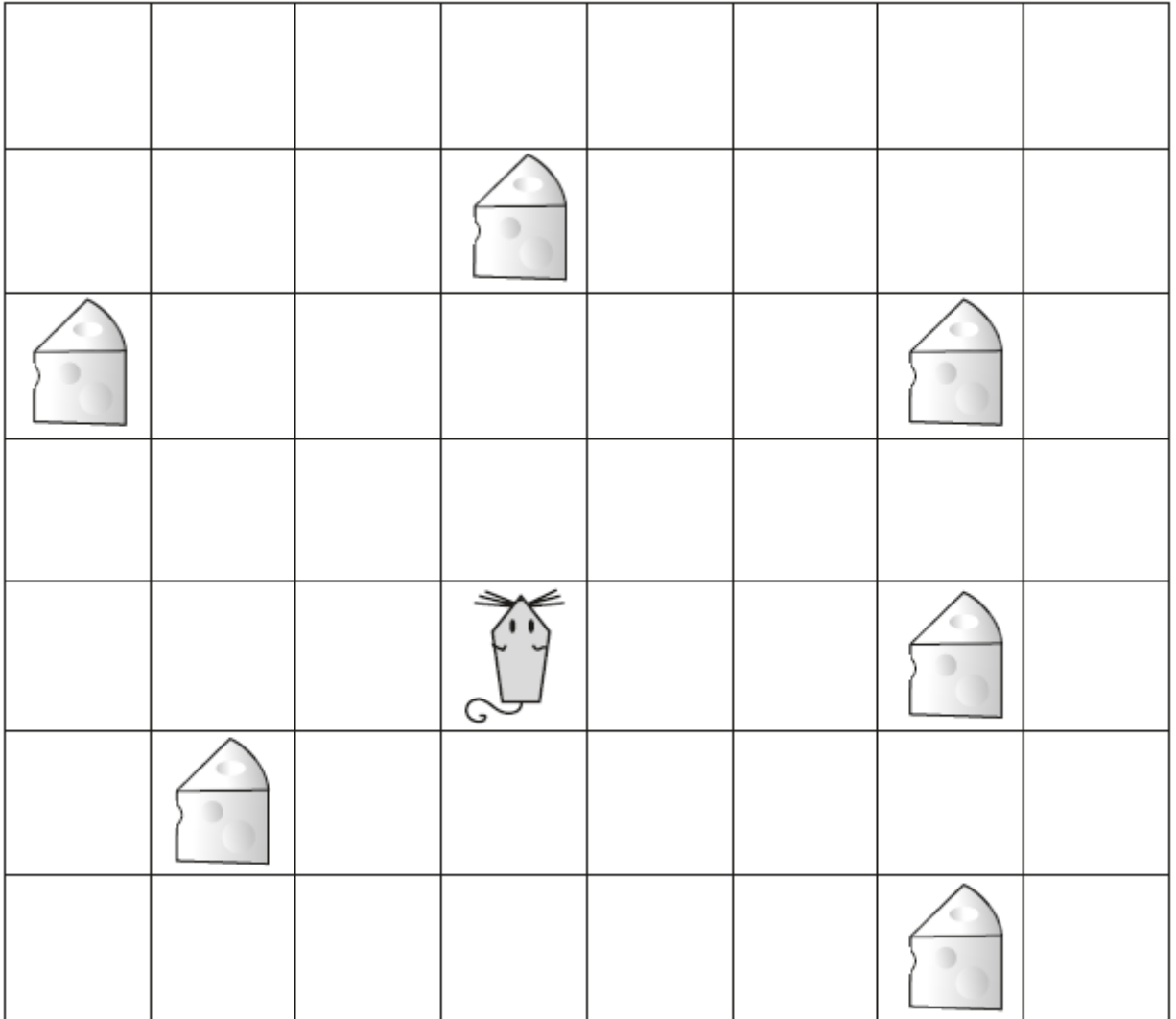
7. three quarter turn anti clockwise



8. half turn anti clockwise



Giving Directions



Look at the mouse.

Ajay moves the mouse to a piece of cheese.

He moves the mouse two squares forward.

He then turns the mouse a quarter of a turn clockwise and moves it forward three squares.

Circle the piece of cheese the mouse lands on.

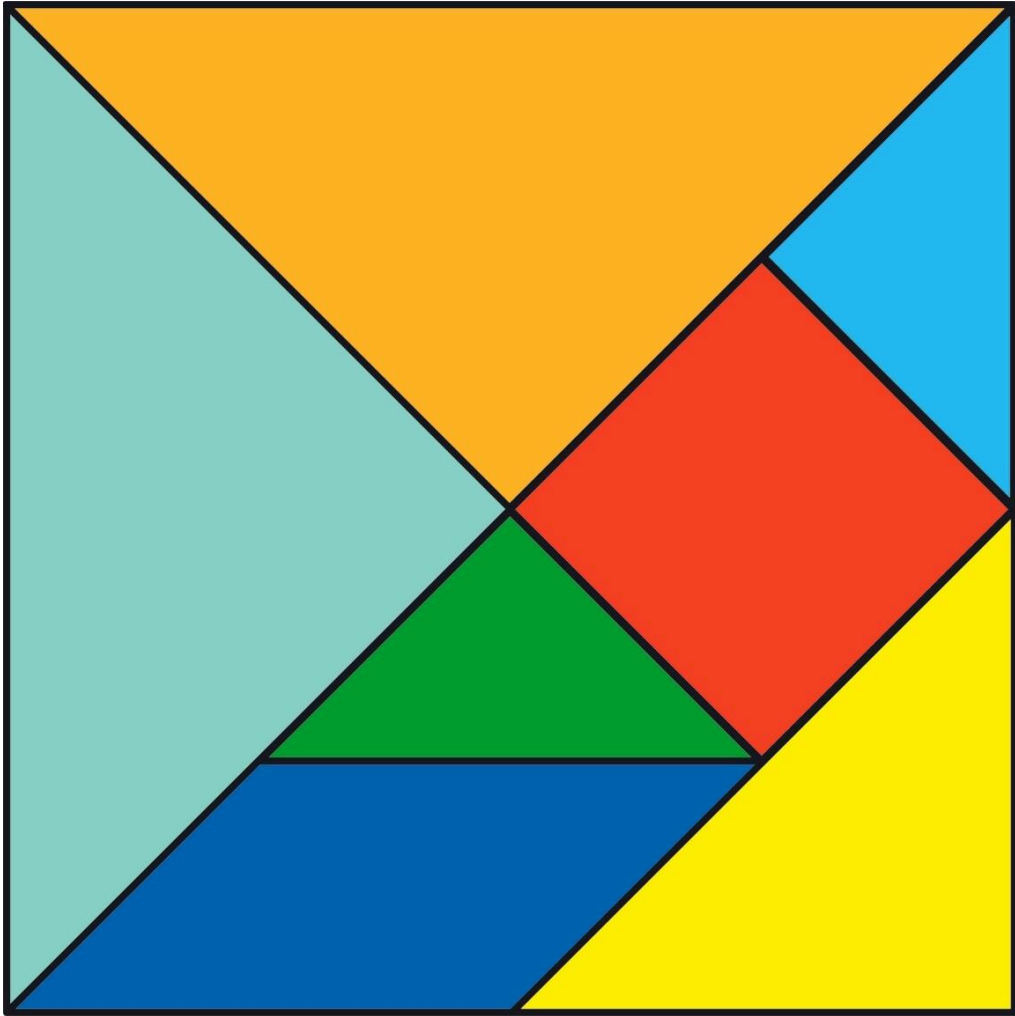
Can you make up your own directions to get to other pieces of cheese.

Guess my number!

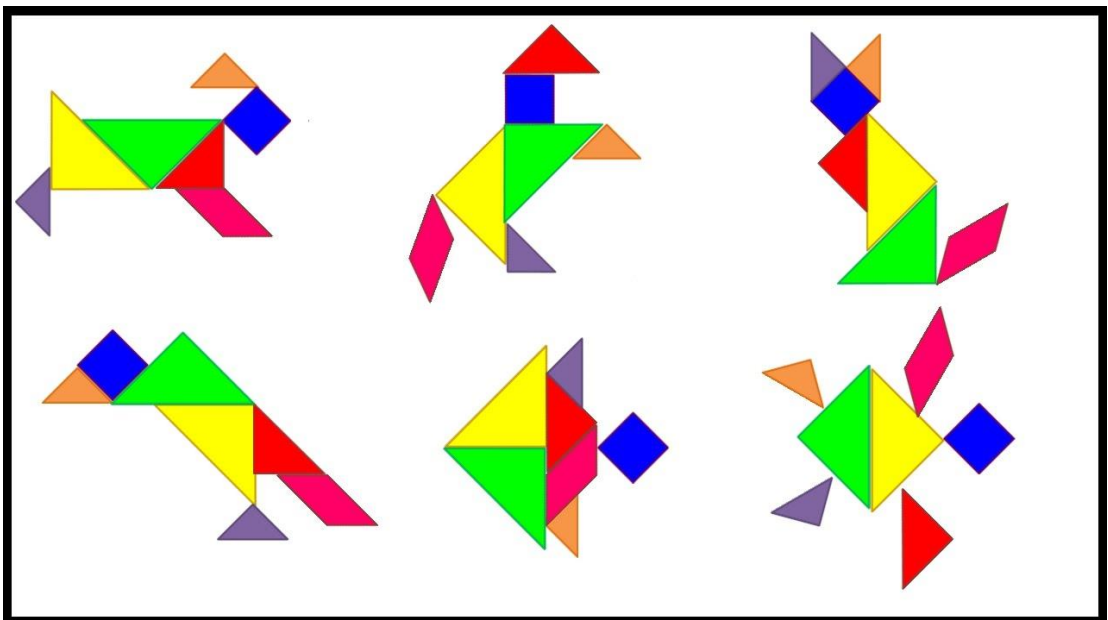


1. My number has 2 tens and 3 ones.
2. My number has 5 tens and 2 ones.
3. My number has 1 tens and 6 ones.
4. My number has 7 tens and 4 ones.
5. My number has 2 tens and 7 ones.
6. My number has 4 ones and 3 tens.
7. My number has 5 ones and 1 ten.
8. My number has 6 ones and 4 tens.
9. My number has 5 tens and 1 one.
10. My number has zero tens and 9 ones.
11. My number has 5 tens and zero ones.

Tangrams



Cut out the shapes above. Then, try and make the shapes below.
Can you make your own shapes or designs?



Greater than, less than or equal

>

<

=

'greater than'

'less than'

'equal to' or 'the same as'

Write the correct symbols in the box below. It helps to think of the < or > symbol as a crocodile's mouth; as the crocodile always likes to eat the bigger number.

a) 15 16

b) 12 10

c) 25 25

d) 31 34

e) 54 34

f) 51 67

g) 43 43

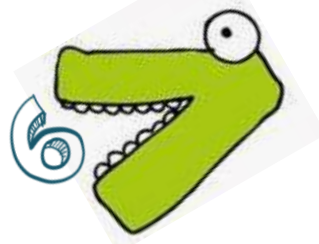
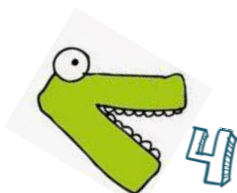
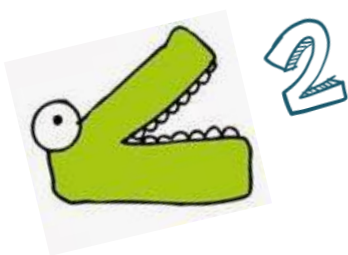
h) 17 7

i) 92 94

j) 99 99

k) 15 51

l) 32 30





Making Number Sentences



Make two different number sentences using the three number cards.

10 3 7



$$\begin{array}{ccc} \square & + & \square = \square \\ \square & - & \square = \square \end{array}$$

25 10 35

$$\begin{array}{ccc} \square & + & \square = \square \\ \square & - & \square = \square \end{array}$$

2 4 8



$$\begin{array}{ccc} \square & \times & \square = \square \\ \square & \div & \square = \square \end{array}$$

15 3 5



$$\begin{array}{ccc} \square & \times & \square = \square \\ \square & \div & \square = \square \end{array}$$

52 10 62



$$\begin{array}{ccc} \square & + & \square = \square \\ \square & - & \square = \square \end{array}$$

7 21 3

$$\begin{array}{ccc} \square & \times & \square = \square \\ \square & \div & \square = \square \end{array}$$

Teacher for a Day

It's your job to be a teacher. Tick all the calculations that are correct, one has been done for you.



$10 \times 2 = 20$

$10 + 3 = 13$

$15 + 5 = 23$

$30 \div 10 = 3$

$20 - 5 = 7$

$14 + 8 = 22$

$7 \times 2 = 15$

$10 + 7 = 17$

$23 + 15 = 38$

$41 + 7 = 32$

$15 \div 5 = 3$

$9 + 4 = 14$

$89 - 5 = 84$

$24 + 12 = 36$

$6 \times 5 = 30$






$5 \times 6 = 11$

$12 \div 2 = 7$

$9 + 2 + 3 = 14$



Mrs Cheslin's Club Timetable

Monday	Tuesday	Wednesday	Thursday	Friday
 Dancing club	 Football club	 Art club	 Music club	 Computer club

1. What day is Football Club?

2. Art Club is today, so tomorrow is...

3. What club is on Friday?

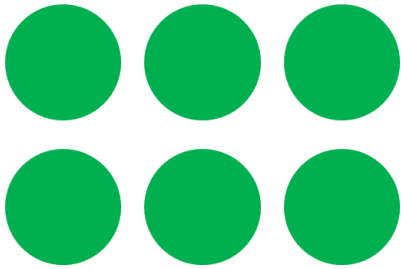
4. Tomorrow is Computer Club, so what is today?

5. What club is at the start of the week?

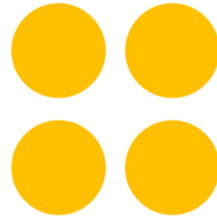
6. Today is Computer Club, so what day will it be tomorrow?

Arrays

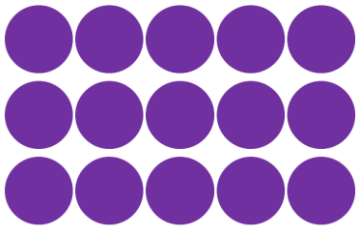
Write a number sentence for the array. One has been done for you.



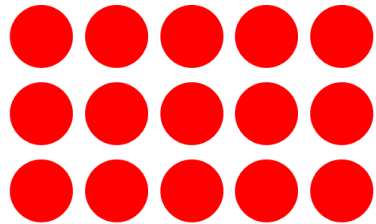
$$3 \times 2 = 6$$



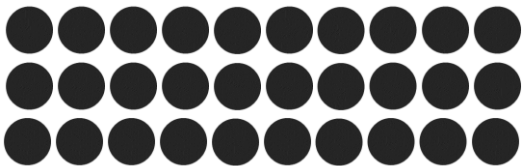
$$\dots\dots \times \dots\dots = \dots\dots$$



$$\dots\dots \times \dots\dots = \dots\dots$$



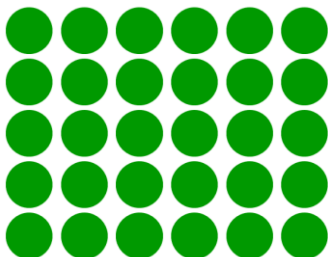
$$\dots\dots \times \dots\dots = \dots\dots$$



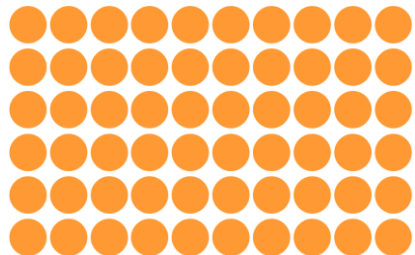
$$\dots\dots \times \dots\dots = \dots\dots$$



$$\dots\dots \times \dots\dots = \dots\dots$$



$$\dots\dots \times \dots\dots = \dots\dots$$



$$\dots\dots \times \dots\dots = \dots\dots$$

Mathematical Problems

Spaceship



Some Tripods and Bipods flew from planet Zeno.
There were at least two of each of them.

Tripods have 3 legs.
Bipods have 2 legs.
There were 23 legs altogether.

How many Tripods were there?
How many Bipods?

Find two different answers.



Ben's numbers

Ben has written a list of different whole numbers.
The digits of each number add up to 5.
None of the digits is zero.

Here is one of Ben's numbers.

23

Ben has written all the numbers he can think of.
How many different numbers are there in his list?

Write all the numbers in order.

Fireworks

Emma had some fireworks.
Some made 3 stars.
Some made 4 stars.



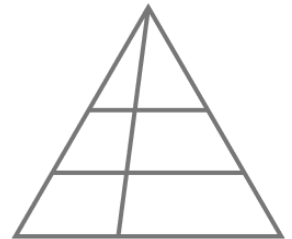
Altogether Emma's fireworks made 19 stars.
How many of them made 3 stars?
Find two different answers.

What if Emma's fireworks made 25 stars?
Find two different answers.

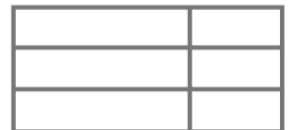


Spot the shapes 1

1. How many triangles
can you count?



2. How many rectangles
can you count?



3. Draw your own diagram to count triangles.
How many can a friend find?
Can you find more?