

Great Galapagos

11 Thank you for joining us today; my name is David and
22 I will be your tour guide. The Pacific Ocean and the
30 enchanted volcanic islands of Galapagos are places unlike
40 any other. They are home to an incredible collection of
49 animals who have adapted to the harsh landscape around
58 them. Most of them were discovered by an astounded
69 Charles Darwin on his first trip to these islands over two
72 hundred years ago.

83 On our right, you can see one of the islands' most
90 remarkable inhabitants – the giant tortoise. There are
102 hundreds of them on the beach at any time, lying in the
112 sun to warm their blood and gather energy. Many may
124 be older than you are right now and some will live for
130 over one hundred years. Impressive, right?



Quick Questions



1. Who discovered most of the animals on the Galapagos Islands?



2. Sum up the second paragraph in 20 words or less.



3. How has the author made the Galapagos Islands sound special within the text?



4. Name one other creature you could expect to see on this tour.

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Answers



1. Who discovered most of the animals on the Galapagos Islands?
Charles Darwin



2. Sum up the second paragraph in 20 words or less.

Accept any reasonable summary of information from the second paragraph in 20 words or less.



3. How has the author made the Galapagos Islands sound special within the text?

Accept answers which discuss use of exciting adjectives (enchanted / incredible), and saying 'place unlike any other'.



4. Name one other creature you could expect to see on this tour.

Accept any reasonable prediction which would fit on a Pacific island tour or anything Darwin famously discovered, e.g. beach life (star fish, hermit crab), fish, insects, birds.

Inventing New Similes

Have a look at these well-known similes and think up some new up-to-date versions...

1. As happy as a pig in mud.

New version: As happy as...

2. As fresh as a daisy.

New version: As fresh as...

3. As busy as a bee.

New version: As busy as...

4. As cool as a cucumber.

New version: As cool as...

5. As clean as a whistle.

New version: As clean as...

6. As flat as a pancake.

New version: As flat as...

7. As quick as a wink.

New version: As quick as...

8. As snug as a bug in a rug.

New version: As snug as...

Multiplication facts – 3 times table

Practise your 3 times table.

1 Use this array to complete the 3 times table:

$1 \times 3 = \square$

$2 \times 3 = \square$

$3 \times 3 = \square$

$4 \times 3 = \square$

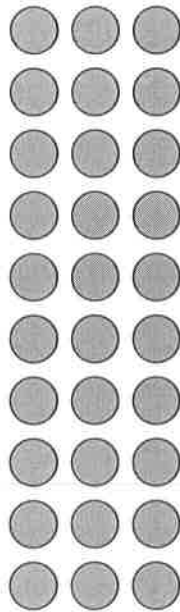
$5 \times 3 = \square$

$6 \times 3 = \square$

$7 \times 3 = \square$

$8 \times 3 = \square$

$9 \times 3 = \square$



$10 \times 3 = \square$

$11 \times 3 = \square$

$12 \times 3 = \square$

2 Now try them mixed up:

$a \quad 3 \times 3 = \square$

$b \quad 12 \times 3 = \square$

$c \quad 7 \times 3 = \square$

$d \quad 10 \times 3 = \square$

$e \quad 2 \times 3 = \square$

$f \quad 4 \times 3 = \square$

$g \quad 5 \times 3 = \square$

$h \quad 6 \times 3 = \square$

$i \quad 9 \times 3 = \square$

$j \quad 1 \times 3 = \square$

$k \quad 8 \times 3 = \square$

$l \quad 11 \times 3 = \square$

3 Alfred is an alien from the Planet Trampolon. The surface of Planet Trampolon is like walking on a trampoline. That's why Alfred and all his race of aliens need 3 legs for extra balance. They also have 3 fingers on each hand and 3 eyes.

a How many legs for:

6 aliens?

$6 \times \square = \square$

4 aliens?

$4 \times \square = \square$

b How many eyes for:

3 aliens?

$\square \times \square = \square$

10 aliens?

$\square \times \square = \square$

c How many fingers on one hand for:

9 aliens?

$\square \times \square = \square$

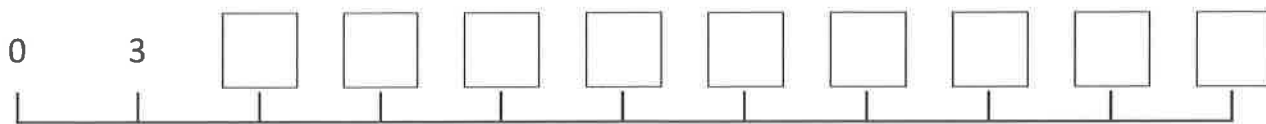
5 aliens?

$\square \times \square = \square$

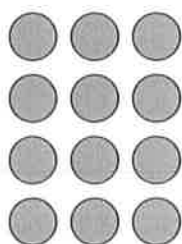


Multiplication facts – 3 times table

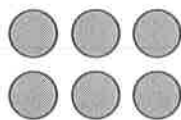
4 Label the number line so it goes up in 3s:



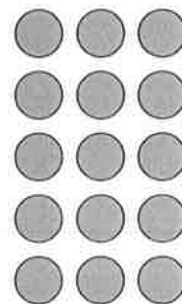
5 Write two turnaround facts for each array. The first one has been done for you.



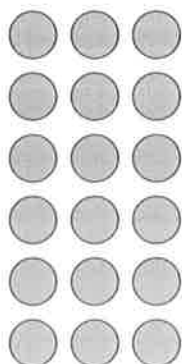
a $\boxed{4} \times \boxed{3} = \boxed{12}$
 $\boxed{3} \times \boxed{4} = \boxed{12}$



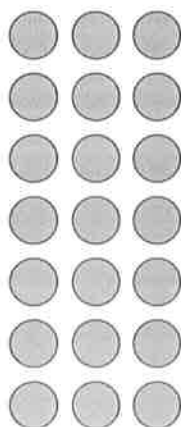
b $\boxed{} \times \boxed{} = \boxed{}$
 $\boxed{} \times \boxed{} = \boxed{}$



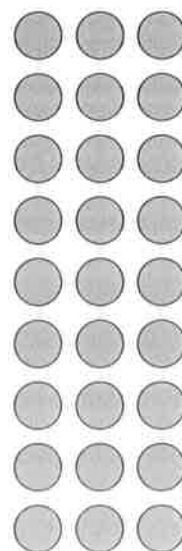
c $\boxed{} \times \boxed{} = \boxed{}$
 $\boxed{} \times \boxed{} = \boxed{}$



d $\boxed{} \times \boxed{} = \boxed{}$
 $\boxed{} \times \boxed{} = \boxed{}$



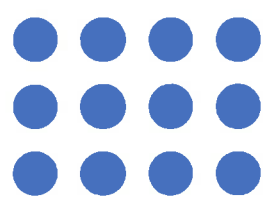
e $\boxed{} \times \boxed{} = \boxed{}$
 $\boxed{} \times \boxed{} = \boxed{}$

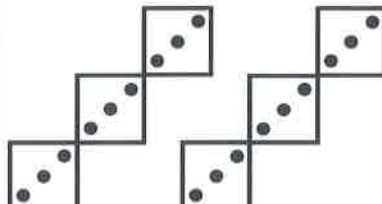


f $\boxed{} \times \boxed{} = \boxed{}$
 $\boxed{} \times \boxed{} = \boxed{}$

Which number sentence?

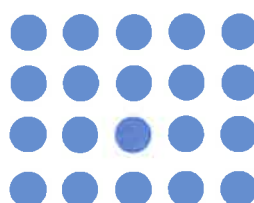
Write a multiplication number sentence for each example. One has been done for you.

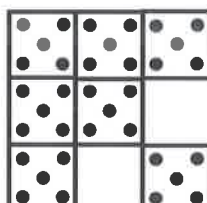

$3 \times 4 = 12$



28			
7	7	7	7

$5+5+5+5+5+5$

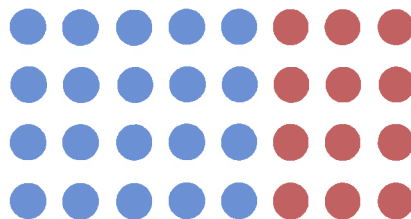




I know... so...

$7 \times 4 = \underline{\quad}$

$8 \times 4 = 32$



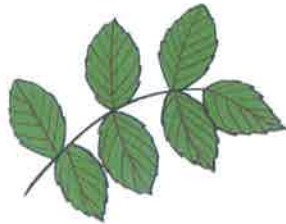
$8 \times 5 = \underline{\quad}$

Tree Identification Sheet

beech

☐

ash

☐

holly

☐

lime

☐

hazel

☐

larch

☐

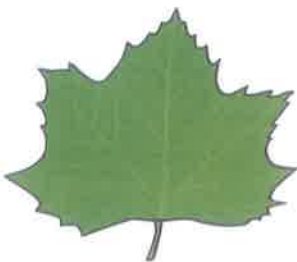
elder

☐

birch

☐

sycamore

☐

yew

☐

sweet
chestnut

☐

oak

☐

My Tree

My tree is taller than a giraffe,
and a double decker bus.
It's larger than a whale,
a hundred times the size of us.

It sounds like the wind howling,
and a bunch of rustling leaves.
It smells like a damp dog,
That is full of nasty fleas.

It's older than my great granny,
and our school building too.
It stands tall like a statue,
way bigger than me or you.

It feels rough like sandpaper,
and hard like a stone floor.
It moves in slow-motion,
and it never asks for more.

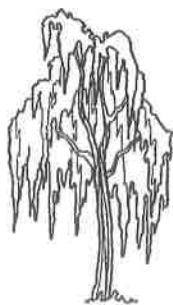
Trees

My tree's taller than a giant
it's wider than a bus,
it's larger than our football team -
ten times the size of us.

It's rough like a hedgehog
with skin all brown and hard,
it stands like a lamppost
or a soldier left on guard.


It creaks in the wind
like an old rocking chair,
it rustles as you pass
to let you know it's there.

It's older than my grandad
it's wiser than us all,
our tree in the garden
stretching high and tall.



To Do!

Choose a tree. See how many of the boxes you can fill with your own similes. Visit other trees so that you can fill as many boxes as possible. Do not write down the first thing which comes into your head. Consider your answers carefully and take plenty of time to stop and stare at your tree. Now put your ideas into sentences.

It's older than	It stands like a
It's wider than a	It makes a noise like
It's taller than a ...	It's rough like a.....
It smells like a	

My bark rubbing	My leaf rubbing
-----------------	-----------------

Poetry Points from Children's Poet

Andrew Collett

Email Andrew or Play Games on

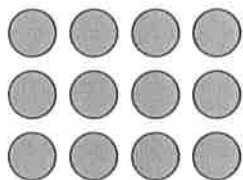
www.wackyverse.com

Email: ac@wackyverse.com

Multiplication facts – 4 times table

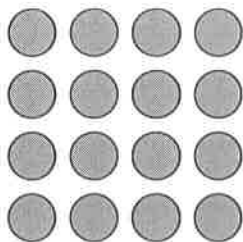
Practise your 4 times table.

1 Write the multiplication fact for each array:



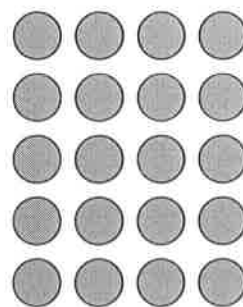
a 3 fours

$$\square \times 4 = \square$$



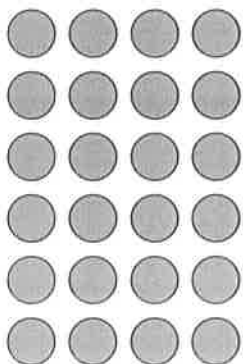
b 4 fours

$$\square \times 4 = \square$$



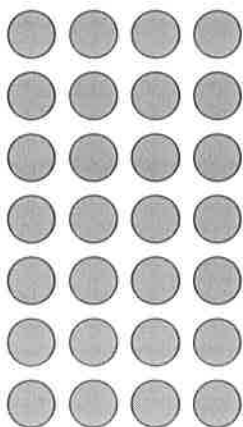
c 5 fours

$$\square \times 4 = \square$$



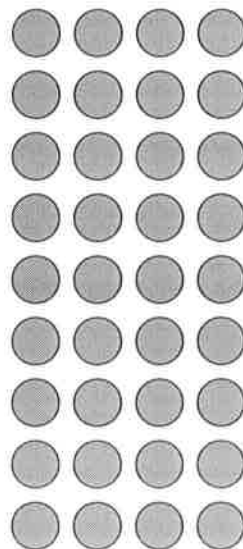
d 6 fours

$$\square \times 4 = \square$$



e 7 fours

$$\square \times 4 = \square$$



f 9 fours

$$\square \times 4 = \square$$

2 How many cupcakes are there on:

a 4 plates?

$$\square \times 4 = \square$$

b 3 plates?

$$\square \times 4 = \square$$



c 7 plates?

$$\square \times 4 = \square$$

d 9 plates?

$$\square \times 4 = \square$$

e 2 plates?

$$\square \times 4 = \square$$

Multiplication facts – 4 times table

3 Here is a half of a 100 square:

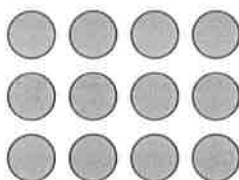
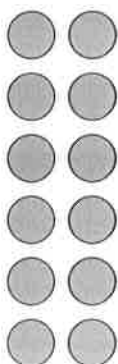
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50

a Circle the counting pattern of 2s. Cross the counting pattern of 4s.

b What do you notice?

4 Complete the matching $\times 2$ and $\times 4$ facts:

a $6 \times 2 = 12$ and $3 \times 4 = 12$



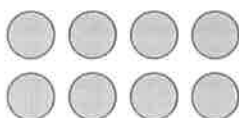
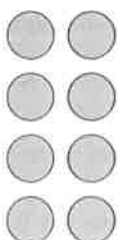
So, $\times 2 =$ $\times 4$

Can you see that the $\times 4$ arrays have half the rows and double the columns of the $\times 2$? This means there is the same total, but the array is arranged differently.



THINK

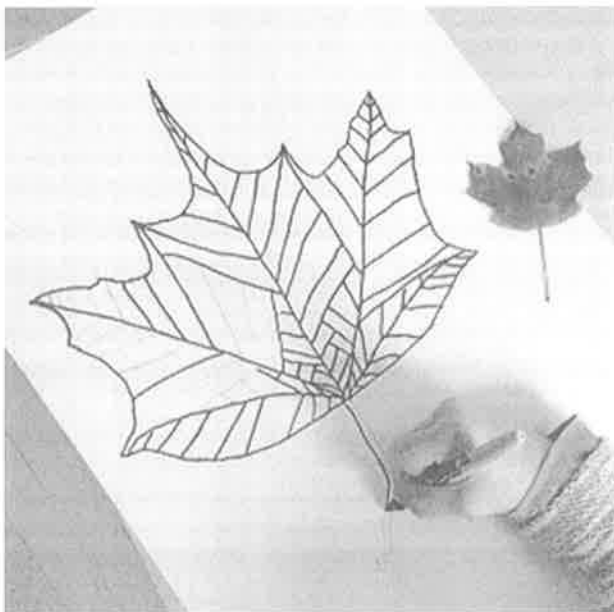
b $\times 2 =$ and $\times 4 =$



So, $\times 2 =$ $\times 4$

c $8 \times 2 =$ $\times 4$

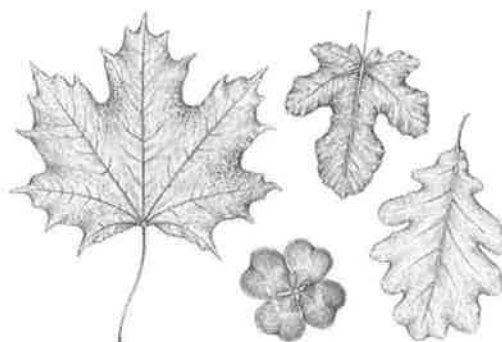
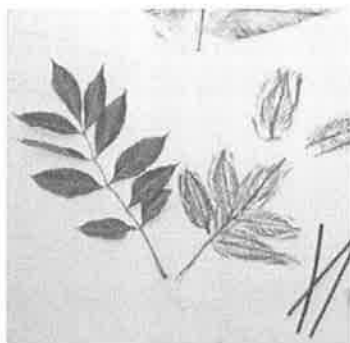
d $10 \times 2 =$ $\times 4$



The vein patterns in leaves vary from leaf to leaf...

Make a study of your leaf's vein patterns...

- Draw the overall outline of the leaf.
- Which direction do the lines go?
- How do they connect?
- What thicknesses are the lines?



Sketch different leaves with pencil, biro, charcoal...

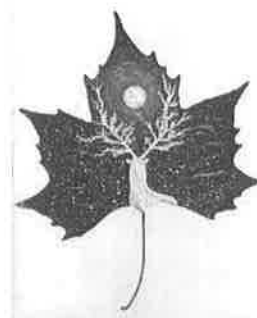
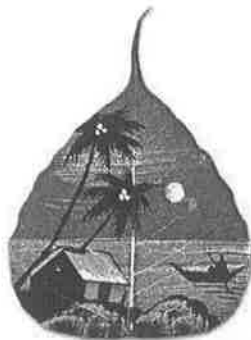
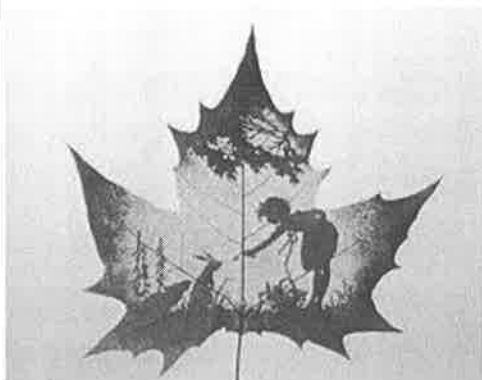
Investigate lines, tone and shape.



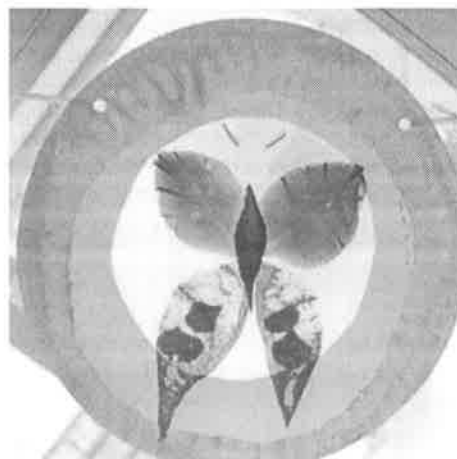
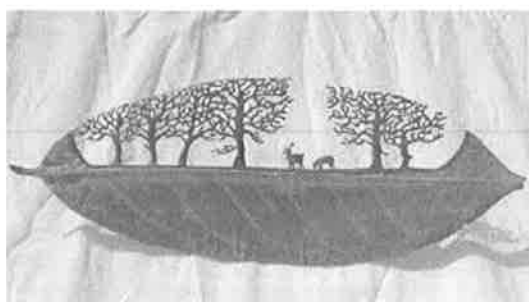
Imagine a world where leaves were a mix of colours...

- Explore different ideas when mixing colours within the shape of a leaf.
- What interesting backgrounds could you display your leaf on?
- Create using a range of media and collage techniques.





Create a natural scene
in the shape of a
leaf...



Use paper plates as a background. Create collages using a range of leaves and other natural materials... Think about a plate border – use other collage materials too as a mix (e.g. tissue paper).



Make a collection of leaves and create a collage that is interesting to look at. Or, create a picture using the leaf shapes.

Try:

- Using pattern.
- Thinking carefully about colour and shades of colour.
- Over-lapping techniques.
- Thinking about direction and placement of leaves.
- Could you add some man-made elements (paper-clips, nuts and bolts, paper fasteners...) and call it 'Man versus Nature?'

My Tree

My tree is taller _____,
and _____.
It's larger _____,
_____.

It makes a noise like _____,
_____.

It smells like _____,
_____.

It's older than _____,
and _____.
It stands tall like _____,
_____.

It feels rough like _____,
_____.

It moves in slow-motion,
and it never asks for more.

Multiplication facts – multiplying any number by 10

When we multiply a number by 10, the number gets 10 times bigger. This means that each digit moves one place value column to the left and we need to use 0 as a placeholder in the ones column.

Hundreds	Tens	Ones
		2
	2	0

$2 \times 10 = 20$

- 1 Show how the digits all move along when they are multiplied by 10 and write the answers below:

a

Hundreds	Tens	Ones
		7
	7	0

$7 \times 10 = \boxed{}$

b

Hundreds	Tens	Ones
		3

$3 \times 10 = \boxed{}$

c

Hundreds	Tens	Ones
	1	5

$15 \times 10 = \boxed{}$

d

Hundreds	Tens	Ones
	2	2

$22 \times 10 = \boxed{}$

- 2 Connect these $\times 10$ facts to the answers:

16×10

62×10

93×10

99×10

13×10

220

510

930

990

850

160

130

620

720

980

72×10

51×10

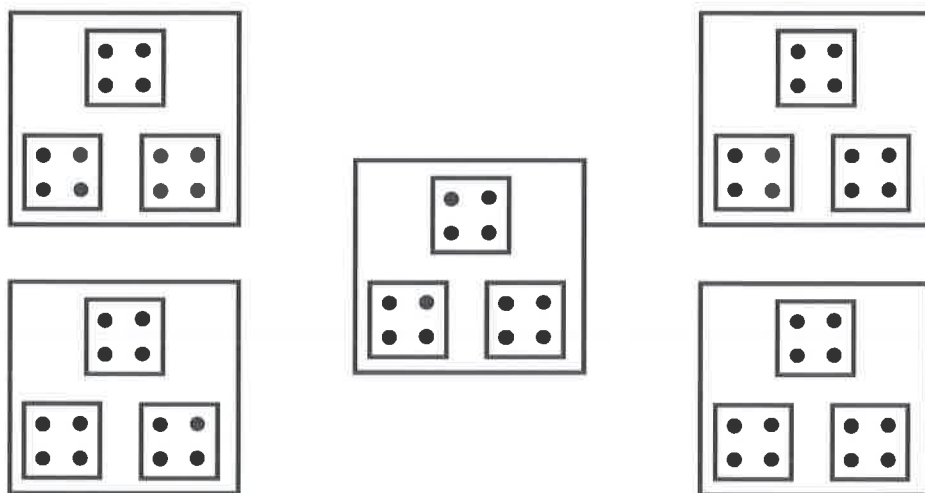
85×10

22×10

98×10

Read the picture

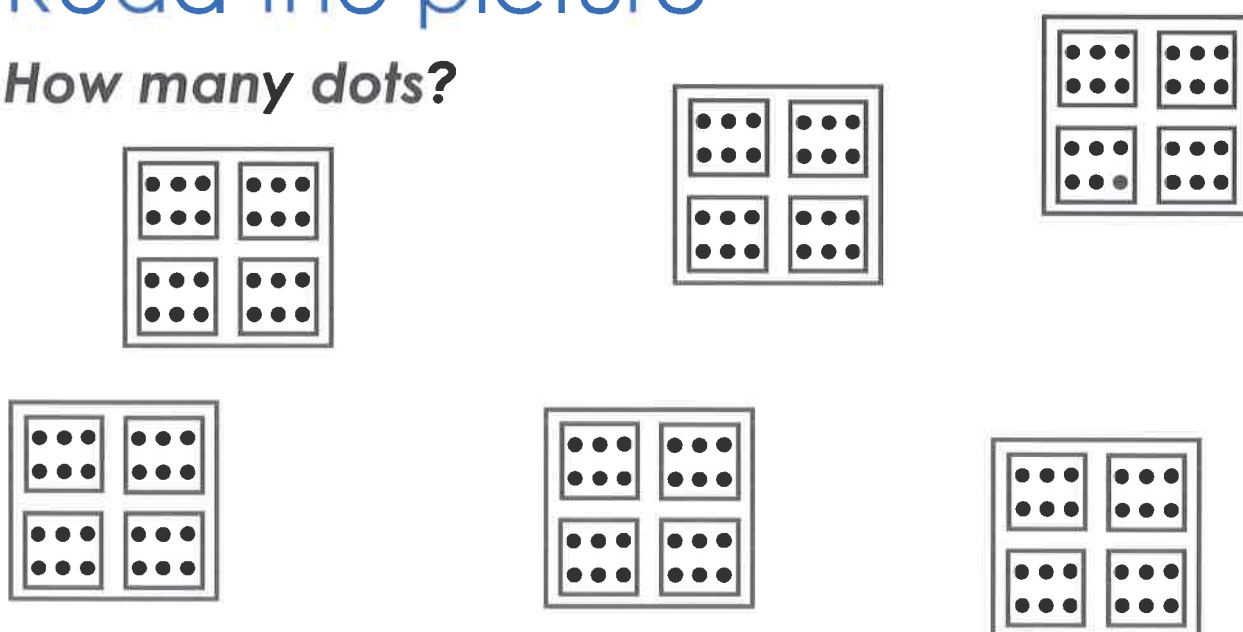
How many dots?



Which number sentence(s) do you see?

Read the picture

How many dots?



Which number sentence(s) do you see?



Small text label, possibly a page number or title, located near the top left corner.



Multiplication facts – multiplying numbers by 0 and 1

Any number multiplied by 1 always equals the same number.

Any number multiplied by 0 always equals zero.

1 Practise multiplying by 1:



8 groups of 1 are equal to

$$\boxed{} \times 1 = \boxed{}$$



6 groups of 1 are equal to

$$\boxed{} \times 1 = \boxed{}$$



5 groups of 1 are equal to

$$\boxed{} \times 1 = \boxed{}$$



4 groups of 1 are equal to

$$\boxed{} \times 1 = \boxed{}$$

2 Practise multiplying by 1 and 0:

a $12 \times 0 = \boxed{}$

b $6 \times 1 = \boxed{}$

c $3 \times 0 = \boxed{}$

d $2 \times 1 = \boxed{}$

e $8 \times 0 = \boxed{}$

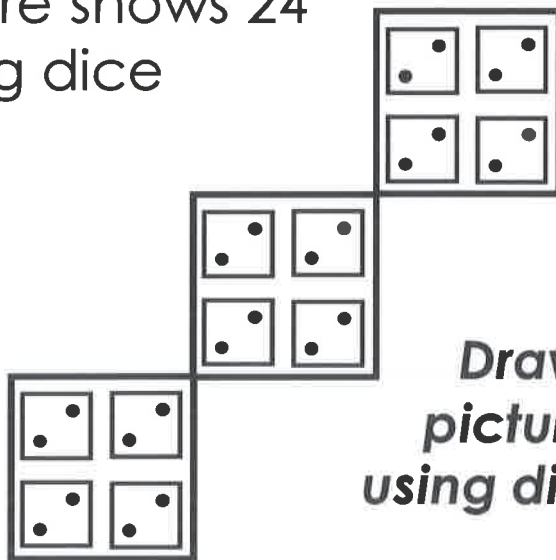
f $20 \times 1 = \boxed{}$

3 Complete this table:

\times	9	10	6	1	5	12	4	7	3	11	8	2
0												
1												

Draw

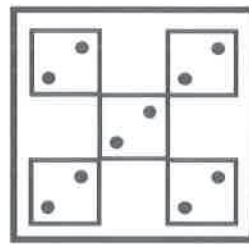
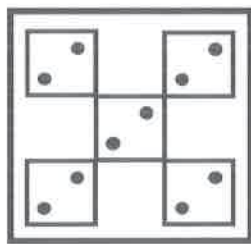
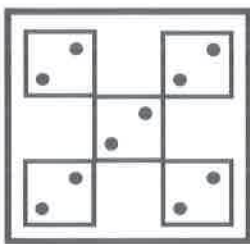
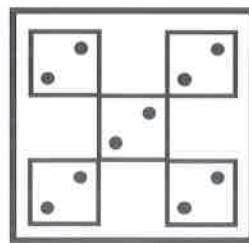
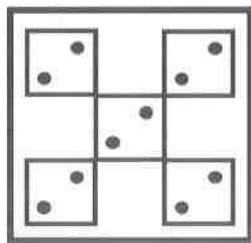
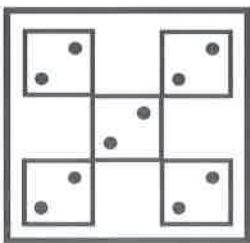
This picture shows 24 dots using dice patterns.



Draw a different picture of 24 dots using dice patterns.

Draw

This picture shows 60 dots using dice patterns.



Draw a different picture of 60 dots using dice patterns.

Mammal

Usually have hair or fur,
give birth to live young,
mammals that live on land
have 4 legs (except humans)
they are warm blooded

Bird

they have feathers and wings,
they have 2 legs,
they lay eggs,
they are warm blooded

Reptile

they have scales, not fur,
they have dry skin,
they have 4 legs or no legs,
they are cold blooded

Insect

they are very small,
they sometimes have wings,
they have more than 4 legs,
they can have a body that is
in 3 parts

