

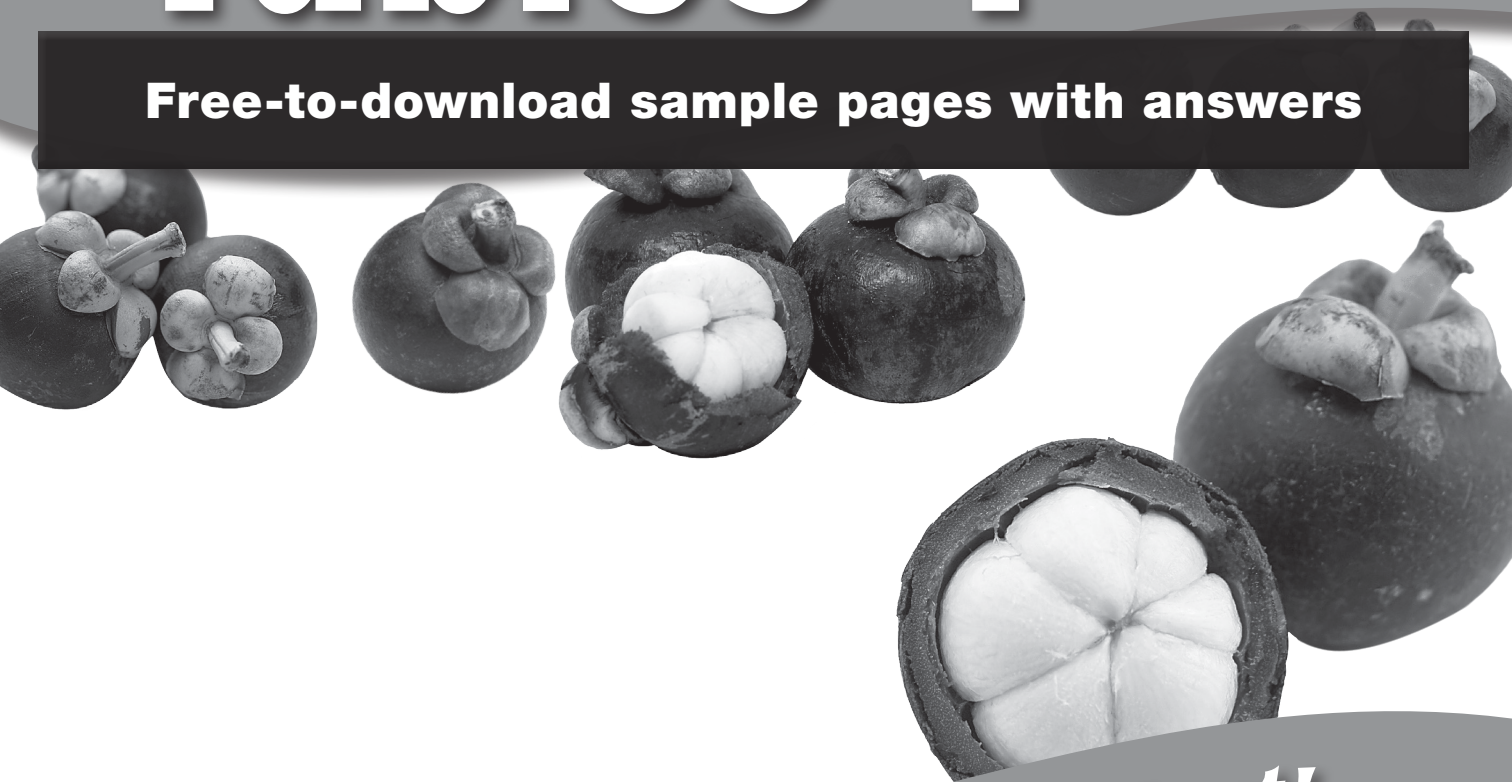
Excel
Basic Skills

Times Tables 1

2-3 Years

Ages
7-9

Free-to-download sample pages with answers



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Bev Dunbar



**PASCAL
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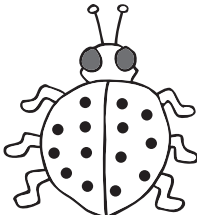
Set 1: Doubling

'Double a number' means the same as 'two times' or 'twice as many'.

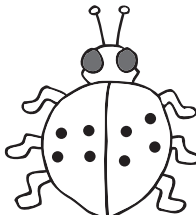
1 I have 5 friends. You have twice as many. How many friends do you have? $2 \times 5 = \dots\dots\dots$	2 I have 2 frogs. You have double. How many frogs do you have? $2 \times 2 = \dots\dots\dots$
3 I have 10 toys. You have two times that. How many toys do you have? $2 \times 10 = \dots\dots\dots$	4 I have 3 books. You have double that number. How many books do you have? $2 \times 3 = \dots\dots\dots$

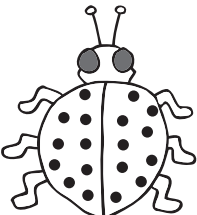
What a lot of spots!

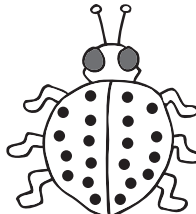
This ladybird has spots on both wings. How many spots can you see?

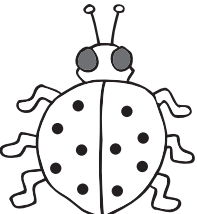
5  Double 7
 $2 \times 7 = \dots\dots\dots$

Write the number of spots for these ladybirds.

6  Double
 $2 \times \dots\dots\dots = \dots\dots\dots$

7  Double
 $2 \times \dots\dots\dots = \dots\dots\dots$

8  Double
 $2 \times \dots\dots\dots = \dots\dots\dots$

9  Double
 $2 \times \dots\dots\dots = \dots\dots\dots$

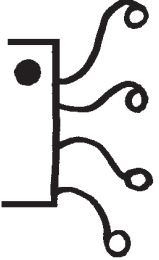


You have 16 fish. You have twice as many fish as I have. How many fish do I have?

Set 2: Look for a Pattern

These aliens are missing half their body.

Draw in the other half of each alien. Write how many legs altogether.

1 $2 \times 3 = \dots\dots\dots$ 	2 $2 \times 4 = \dots\dots\dots$ 
3 $2 \times 5 = \dots\dots\dots$ 	4 $2 \times 6 = \dots\dots\dots$ 

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

- 5** Colour in the number that is double the numbers from 1 to 10. What pattern can you see in the final digits?

.....

.....
Can you continue doubling?

.....

- 6** What's the first number in this pattern?

- 7** What's the eighth number in this pattern?

- 8** Look back at page 8. What do you notice?

.....

.....

*An alien has 18 legs.
How many legs on
half an alien?*

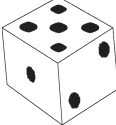


Set 3: Seeing Double

- 1** Under each picture, repeat the pattern.
Write a number sentence to match the picture.

 a $2 \times 10 = \dots\dots\dots$	 b $2 \times 5 = \dots\dots\dots$
--	--

- 2** Double it. Throw a die eight times.
For each throw write down double the number as a number sentence.

For example  $2 \times 5 = 10$

a **b** **c** **d**
e **f** **g** **h**

Can you double the number in your head?

- 3** Draw the other die and finish the number sentence.

a • • • • • • $2 \times 3 = \dots\dots\dots$	b • $2 \times 1 = \dots\dots\dots$	c • • $2 \times 2 = \dots\dots\dots$
d • • • • $2 \times \dots\dots\dots = \dots\dots\dots$	e • • • • $2 \times \dots\dots\dots = \dots\dots\dots$	f • • • • • • $2 \times \dots\dots\dots = \dots\dots\dots$



*My score is 7.
You threw double this.
What's your score?*

Set 4: Draw Double

1 Draw your own pictures and write number sentences to match.

a 2 groups of 10 crosses

b 2 rows of 8 sticks

2 Find the match.

Draw lines to match the number names.

Double 5

16

Double 8

10

14

Two times 3

Twice 10

4

6

Two times 2

Twice 7

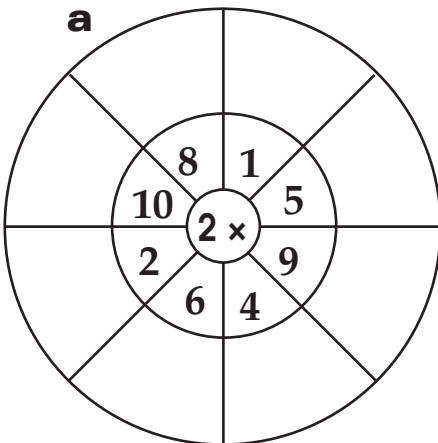
20

*I am double 4 then
double that again.
What number
am I?*

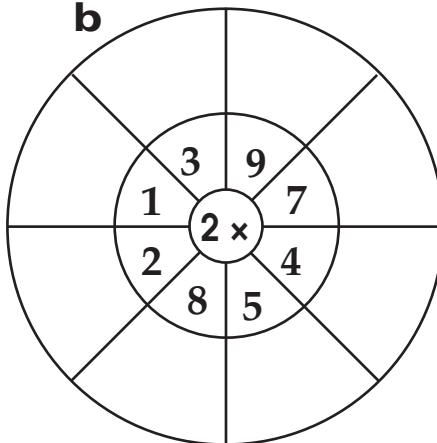


3 Finish these number wheels.

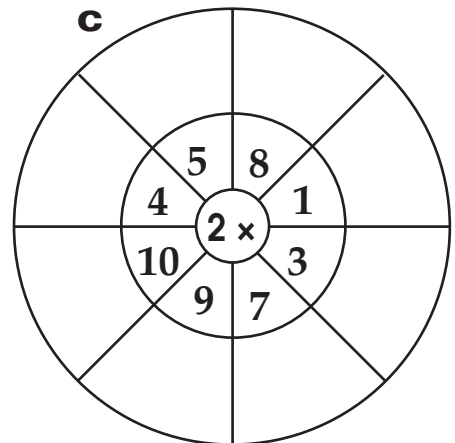
a



b



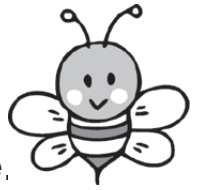
c



*I am double 5 then double that
again. What number am I?*



Set 5: Riddles



1 Find the answers then solve the riddle below using the code.

A: $2 \times 2 = \dots\dots\dots$ R: $2 \times 7 = \dots\dots\dots$ K: $2 \times 6 = \dots\dots\dots$ E: $2 \times 4 = \dots\dots\dots$ Y: $2 \times 10 = \dots\dots\dots$

H: $2 \times 5 = \dots\dots\dots$ S: $2 \times 8 = \dots\dots\dots$ C: $2 \times 3 = \dots\dots\dots$ T: $2 \times 9 = \dots\dots\dots$

2 Why do idiots eat biscuits?

Because
 18 10 8 20 14 8 6 14 4 6 12 8 14 16

3 Time yourself to see how quickly you can find the answers.

a $2 \times 3 = \dots\dots\dots$ **b** $2 \times 10 = \dots\dots\dots$ **c** $2 \times 5 = \dots\dots\dots$ **d** $2 \times 1 = \dots\dots\dots$

e $2 \times 8 = \dots\dots\dots$ **f** $2 \times 4 = \dots\dots\dots$ **g** $2 \times 6 = \dots\dots\dots$ **h** $2 \times 9 = \dots\dots\dots$

Number of seconds

4 Challenge

a $2 \times \dots\dots\dots = 6$ **b** $\dots\dots\dots \times 10 = 20$ **c** $2 \times \dots\dots\dots = 10$ **d** $2 \times \dots\dots\dots = 2$

e $2 \times 8 = \dots\dots\dots$ **f** $2 \times \dots\dots\dots = 4$ **g** $2 \times 6 = \dots\dots\dots$ **h** $\dots\dots\dots \times 9 = 18$

Number of seconds

5 Can you do this grid just using your head?

x	7	4	10	2	9	6	8	5	3	1
2										



*Licorice straps are 10 cents each.
 Musk sticks are 5 cents.
 How much for 2 licorice straps and
 2 musk sticks?*

Set 6: Mind Munchers

Write the number sentence to match each story.

- 1** Two possums with
4 babies each.
How many babies?

..... × = ...

- 2** Two houses with 10 people in
each house.
How many people?

..... × = ...

- 3** Two fish eat 7 worms each.
How many worms?

..... × = ...

- 4** Two cars with 3 people
in each.
How many people?

..... × = ...

Challenge

- 5** I get \$5 pocket money
each week. How long will it
take me to get \$10?

..... × = ...

- 6** I can see 12 little legs.
How many children?

..... × = ...

- 7** Make up your own number story and write it here.

.....
.....

Write the number sentence for your story. × = ...

*Each snake has 9 stripes.
There are 18 stripes altogether.
How many snakes are there?*



Set 7: Beat the Clock



Record your times on the graph at the bottom of the page.

1 Can you fill in this grid in less than 80 seconds?

x	3	7	2	9	4	10	1	5	6	8
2										

Number of seconds

2 Can you fill in this grid in less than 70 seconds?

x	5	10	1	6	4	9	2	7	8	3
2										

Number of seconds

3 Can you fill in this grid in less than 60 seconds?

x	1	7	10	4	8	3	5	2	6	9
2										

Number of seconds

4 Can you fill in this grid in less than 50 seconds?

x	4	9	2	5	10	8	3	6	1	7
2										

Number of seconds

My Time Graph

Grid 1										
Grid 2										
Grid 3										
Grid 4										
	10 or less	20	30	40	50	60	70	80	90	100 or more

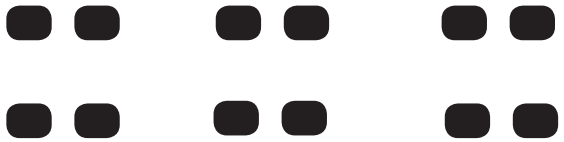
Number of seconds

Set 8: Check-up



Before we move on to explore groups of 1, let's check how much you remember about multiplying by 2, 5, 10 and doubling.

1 How many objects?

 a 2 groups of 4 = ...	 b groups of = ...
---	--

2 Draw a picture to match.

a $2 \times 4 = \dots\dots\dots$	b $4 \times 10 = \dots\dots\dots$
---	--

3 Draw a line to the correct answer.

9×10	90	16	9×2
18	3×5	2×8	15

4 Continue the counting patterns.

- a** 10 12 14
- b** 90 80 70
- c** 65 60 55
- d** 26 24 22



5 Do these quickly.

- a** $2 \times 5 = \dots\dots\dots$ **b** $\times 10 = 50$ **c** $2 \times \dots\dots\dots = 14$ **d** $\times 6 = 12$
- e** $\times 2 = 6$ **f** $6 \times \dots\dots\dots = 12$ **g** $8 \times 5 = \dots\dots\dots$ **h** $3 \times \dots\dots\dots = 6$

Set 1: Groups of 1

Imagine you are at the aquarium and you see a seahorse.



1 group of 1 seahorse

$$1 \times 1 = 1$$

You look carefully again. This time you see one seahorse near a rock and another seahorse by some weeds.



2 groups of 1 seahorse



$$2 \times 1 = 2$$

1 Write the number sentence to match the following:

a 3 seahorses $\times$ = ...

b 6 seahorses $\times$ = ...

You look carefully. You see 8 different seahorses. Write the number sentence to match.



2 Colour in each answer as you multiply from 1×1 to 10×1 .

What pattern can you see in the final digits?

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

3 What's the first number in this pattern?

.....

4 What's the tenth number in this pattern?

.....

5 What will be the twentieth number in this pattern?

.....

Set 2: Groups of 1

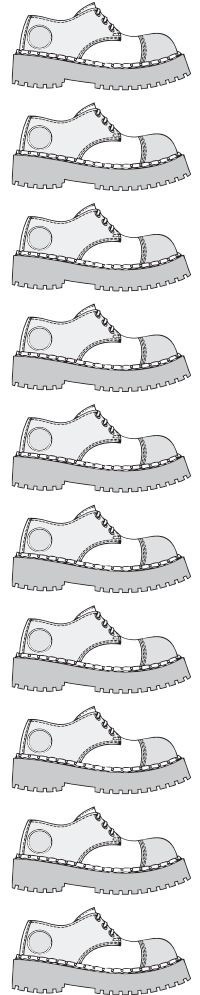
You can sort things into equal rows of 1. This makes a 1s array. The things line up in rows and 1 column. This is what 10 rows of 1 shoe look like as an array.

1 Draw 2 rows of 1 square as an array.

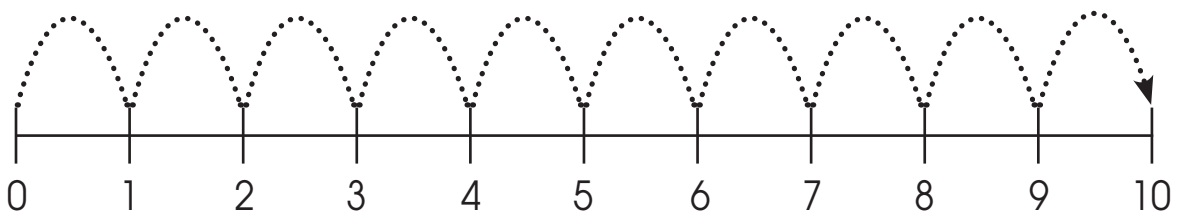
2 Draw 4 rows of 1 pentagon as an array.

3 Draw 6 rows of 1 hexagon as an array.

4 Draw 8 rows of 1 dot as an array.



5 This is what 10 equal groups of 1 look like on a number line.



Draw your own jumps of 1 on this number line, starting at 0 and finishing at 10.



Set 3: Draw Groups of 1

Drawing groups of 'one' is easy.
You just draw one thing each time.

For example,
4 groups of 1



$$4 \times 1 = 4$$

1 Draw your own pictures to match these stories.

a 2 plates with 1 banana on each plate

b 3 boxes with a cat in each box

2 Find the match.

Draw lines to show the match.

8

4

2

9

$$9 \times 1$$

3

$$5 \times 1$$

$$8 \times 1$$

$$4 \times 1$$

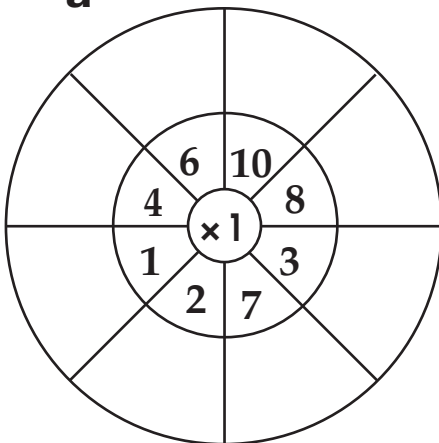
5

$$2 \times 1$$

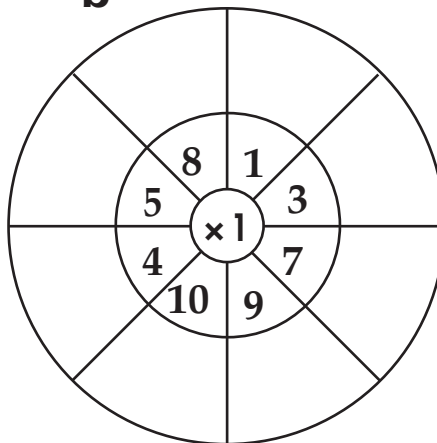
$$3 \times 1$$

3 Finish these number wheels.

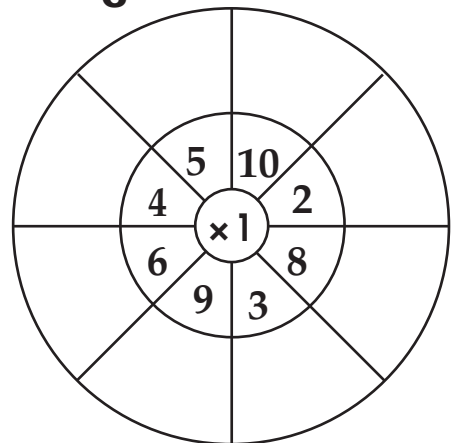
a



b



c



*I am 3 groups of one, plus 5 groups of one.
What number am I?*



Set 4: Riddles

Find the answers then solve the riddles below using the code.

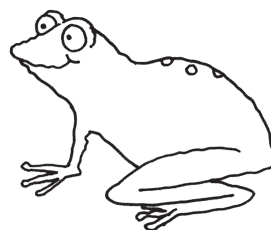
- 1** A: $8 \times 1 = \dots\dots\dots$ I: $2 \times 1 = \dots\dots\dots$ C: $9 \times 1 = \dots\dots\dots$ O: $5 \times 1 = \dots\dots\dots$
 N: $6 \times 1 = \dots\dots\dots$ S: $10 \times 1 = \dots\dots\dots$ D: $4 \times 1 = \dots\dots\dots$ T: $7 \times 1 = \dots\dots\dots$
 L: $3 \times 1 = \dots\dots\dots$

- 2** Where do frogs sit?

.....
 5 6 8 7 5 8 4 10 7 5 5 3

- 3** How can you spell cold with only two letters?

.....
 2 9



- 4** Time yourself to see how quickly you can find these answers.
 Can you do this just using your head?

- a** $3 \times 1 = \dots\dots\dots$ **b** $6 \times 1 = \dots\dots\dots$ **c** $10 \times 1 = \dots\dots\dots$ **d** $5 \times 1 = \dots\dots\dots$
e $8 \times 1 = \dots\dots\dots$ **f** $2 \times 1 = \dots\dots\dots$ **g** $4 \times 1 = \dots\dots\dots$ **h** $7 \times 1 = \dots\dots\dots$

Number of seconds

- 5** Challenge

- a** $\times 1 = 3$ **b** $4 \times 1 = \dots\dots\dots$ **c** $\times 1 = 7$ **d** $\times 1 = 5$
e $9 \times \dots\dots\dots = 9$ **f** $\times 1 = 2$ **g** $10 \times \dots\dots\dots = 10$ **h** $1 \times \dots\dots\dots = 1$

Number of seconds

*I am ten more than 9 groups of one.
 What number am I?*



Set 5: Mind Munchers

1 Write the number sentence to match each story:

a 6 boxes with 1 present in each box.
How many presents?

..... × = ...

b 4 horses with 1 rider on each horse.
How many riders?

..... × = ...

Beat the clock.

2 Can you fill in this grid in less than 70 seconds?

×	3	7	2	9	4	10	1	5	6	8
1										

Number of seconds

3 Can you fill in this grid in less than 60 seconds?

×	4	9	1	7	3	5	2	8	6	10
1										

Number of seconds

4 Can you fill in this grid in less than 50 seconds?

×	5	10	3	8	1	4	9	6	2	7
1										

Number of seconds

My Time Graph

Grid 2										
Grid 3										
Grid 4										
	10 or less	20	30	40	50	60	70	80	90	100 or more

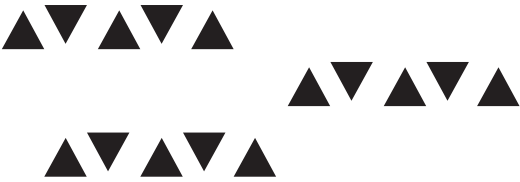
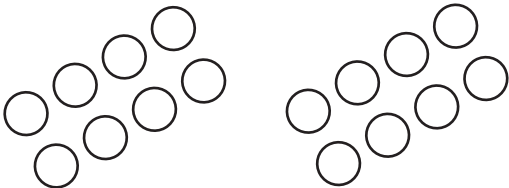
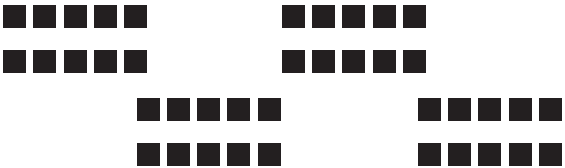
Number of seconds

Set 6: Check-up



Before we move on to explore groups of 0, let's check how much you remember about multiplying by groups of 1, 2, 5, 10 and doubling.

1 How many objects?

 a 3 groups of 5 = ...	 b groups of = ...
 c groups of = ...	 d groups of = ...

2 Circle the number which is the answer to the number sentence.

a $9 \times 1 =$ 10 9 7

b $5 \times 10 =$ 50 55 15

c $2 \times 5 =$ 7 10 3

d $2 \times 4 =$ 6 8 10

e $9 \times 2 =$ 18 19 11

f $4 \times 10 =$ 14 50 40

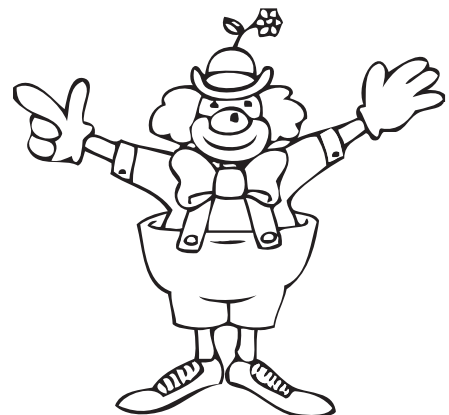
3 Continue the counting patterns:

a 37 36 35

b 30 28 26

c 120 110 100

d 85 80 75



4 Do these quickly:

a $1 \times 10 =$ **b** $\times 1 = 7$ **c** $2 \times$ $= 18$ **d** $1 \times 5 =$

e $2 \times$ $= 12$ **f** $4 \times 5 =$ **g** $\times 10 = 80$ **h** $5 \times$ $= 10$

UNIT 4: Doubling

Page 37 Set 1: Doubling

- 1 10 friends
 - 2 4 frogs
 - 3 20 toys
 - 4 6 books
 - 5 14
 - 6 Double 4, $2 \times 4 = 8$
 - 7 Double 9, $2 \times 9 = 18$
 - 8 Double 10, $2 \times 10 = 20$
 - 9 Double 5, $2 \times 5 = 10$
- Quick question: I have 8 fish.

Page 38 Set 2: Look for a Pattern

- 1 6
- 2 8
- 3 10
- 4 12
- 5

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

Answers will vary (e.g. it is the same as counting by 2s, you never colour in odd numbers).

- 6 2
- 7 16
- 8 Answers will vary (e.g. it is exactly the same pattern as for groups of 2).

Quick question: There are 8 legs on half this alien.

Page 39 Set 3: Seeing Double

- 1 **a** Draw 10 more circles, $2 \times 10 = 20$
b Draw 5 more stars, $2 \times 5 = 10$
- 2 Answers will vary.
- 3 **a** $2 \times 3 = 6$ **b** Draw 1 spot, $2 \times 1 = 2$
c Draw 2 spots, $2 \times 2 = 4$
d Draw 5 spots, $2 \times 5 = 10$
e Draw 4 spots, $2 \times 4 = 8$
f Draw 6 spots, $2 \times 6 = 12$

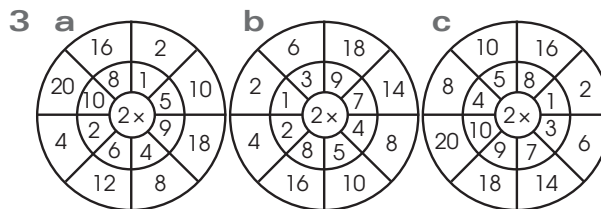
Quick question: Your score is 14.

Page 40 Set 4: Draw Double

- 1 **a** Draw 20 crosses, $2 \times 10 = 20$
b Draw 16 sticks, $2 \times 8 = 16$

Quick question: I am 16.

- 2 Double 5 is 10, Twice 7 is 14,
Double 8 is 16, Two times 3 is 6,
Two times 2 is 4, Twice 10 is 20.



Quick question: I am 20.

Page 41 Set 5: Riddles

- 1 A = 4, C = 6, E = 8, K = 12, H = 10,
R = 14, S = 16, T = 18, Y = 20
- 2 Because THEY'RE CRACKERS.
- 3 **a** 6 **b** 20 **c** 10 **d** 2 **e** 16 **f** 8 **g** 12 **h** 18
- 4 **a** 3 **b** 2 **c** 5 **d** 1 **e** 16 **f** 2 **g** 12 **h** 2
- 5 14 8 20 4 18 12 16 10 6 2

Quick question: 30 cents.

Page 42 Set 6: Mind Munchers

- 1 $2 \times 4 = 8$
- 2 $2 \times 10 = 20$
- 3 $2 \times 7 = 14$
- 4 $2 \times 3 = 6$
- 5 $2 \times 5 = 10$ so it will take me 2 weeks.
- 6 $2 \times 6 = 12$ so there are 6 children.
- 7 Answers will vary.

Quick question: There are 2 snakes.

Page 43 Set 7: Beat the Clock

- 1 6 14 4 18 8 20 2 10 12 16
- 2 10 20 2 12 8 18 4 14 16 6
- 3 2 14 20 8 16 6 10 4 12 18
- 4 8 18 4 10 20 16 6 12 2 14

Page 44 Set 8: Check-up

- 1 **a** 2 groups of 4 = 8
b 6 groups of 2 = 12
- 2 **a** Draw 8 objects **b** Draw 40 objects
- 3 $9 \times 10 = 90$, $3 \times 5 = 15$, $2 \times 8 = 16$,
 $9 \times 2 = 18$
- 4 **a** 10 12 14 16 18 20 22 24
b 90 80 70 60 50 40 30 20
c 65 60 55 50 45 40 35 30
d 26 24 22 20 18 16 14 12
- 5 **a** 10 **b** 5 **c** 7 **d** 2 **e** 3 **f** 2 **g** 40 **h** 2

UNIT 5: Groups of 1

Page 45 Set 1: Groups of 1

- 1 **a** $3 \times 1 = 3$ **b** $6 \times 1 = 6$
- Quick question: $8 \times 1 = 8$

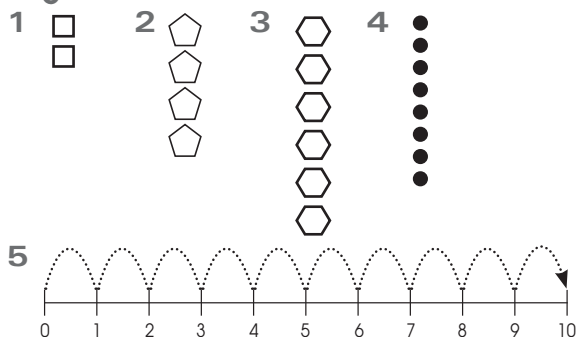
2

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

Answers will vary (e.g. it is just all the numbers from 1 onwards in counting order).

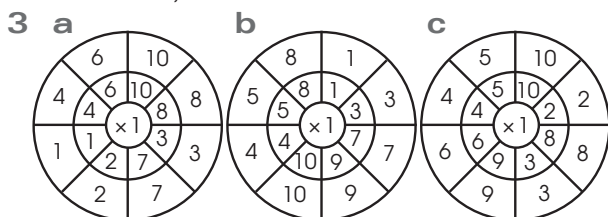
- 3 1
4 10
5 20

Page 46 Set 2: Rows of 1



Page 47 Set 3: Draw Groups of 1

- 1 a Draw 2 bananas altogether.
b Draw 3 cats altogether.
- 2 $5 \times 1 = 5$, $4 \times 1 = 4$, $9 \times 1 = 9$, $8 \times 1 = 8$,
 $2 \times 1 = 2$, $3 \times 1 = 3$



Quick question: I am 8.

Page 48 Set 4: Riddles

- 1 A = 8, C = 9, D = 4, I = 2, L = 3, N = 6,
O = 5, S = 10, T = 7
- 2 ON A TOADSTOOL
- 3 IC (icy)
- 4 a 3 b 6 c 10 d 5 e 8 f 2 g 4 h 7
- 5 a 3 b 4 c 7 d 5 e 1 f 2 g 1 h 1

Quick question: I am 19.

Page 49 Set 5: Mind Munchers

- 1 a $6 \times 1 = 6$
b $4 \times 1 = 4$
- 2 3 7 2 9 4 10 1 5 6 8
- 3 4 9 1 7 3 5 2 8 6 10
- 4 5 10 3 8 1 4 9 6 2 7

Page 50 Set 6: Check-up

- 1 a 3 groups of 5 = 15
b 2 groups of 8 = 16
c 6 groups of 2 = 12
d 4 groups of 10 = 40
- 2 a $9 \times 1 = 9$ b $5 \times 10 = 50$
c $2 \times 5 = 10$ d $2 \times 4 = 8$
e $9 \times 2 = 18$ f $4 \times 10 = 40$
- 3 a 37 36 35 34 33 32 31 30
b 30 28 26 24 22 20 18 16
c 120 110 100 90 80 70 60
d 85 80 75 70 65 60 55 50
- 4 a 10 b 7 c 9 d 5 e 6 f 20
g 8 h 2