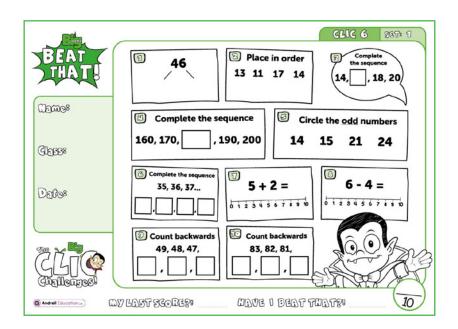




# A Guide for Home Learning 6

In school, each week, children complete a CLIC challenge. The answers that they provide tell their teacher what skills they understand and allow teachers to focus on teaching the skills that they don't (as well as new skills that will be taught). If your child completes their challenges online at school, you may have been sent a link to log on at home. This pupil log on only allows children to complete one challenge a week. We are currently building a new pupil area, which will help with home learning.



This guide provides you with a copy of a CLIC challenge, a description of the skill each question is challenging and some sample resources for each question to help with home learning. (A description of each of these resources is on the next page.) The key is to keep it fun, no pressure and limit the time to less than 20 minutes a day, unless your child wants to carry on!

Please seek and follow advice from your child's teacher and school!

# What skill does each question challenge?

Question 1 I can partition a 2d number

Question 2 I can understand numbers to 20

Question 3 I can count in 2s

Question 4 I can counting in 10s

Question 5 I can identify odd numbers

Question 6 I can count to 100

Question 7 I can solve addition on a number line

Question 8 I can solve subtraction on a number line

Question 9 & Question 10 I can count backwards from numbers up to 100

### Remember To's

Every step of learning (skill) in Big Maths has 'Remember to...'s. These are simple reminders for children to 'Remember to' do this, this, etc...

In Big Maths, we have divided complicated skills into small steps, provided 'Remember to...'s and examples to keep it simple for children.

A Progress Drive is a collection of skill steps that progress a child's learning to the point of mastering the larger objective.

#### **Repeat Sheets**

Repeat sheets contain a number of questions (usually 10) that you can use for repeat practice of a particular step. Please feel free to create your own repeat questions to avoid children simply memorising the questions and answers.

# **Revisit Sheets**

Revisit sheets contain a number of questions (usually 10) that you can use which include a unit of measure applied to the numbers (It's Nothing New!) of a particular step. Please feel free to create your own revisit questions to avoid children simply memorising the questions and answers.

#### **Real Life Maths Sheets**

Real Life Maths sheets contain a number of questions (usually 5) where the questions have been placed into worded scenarios for a particular step, increasing the complexity and challenge further. Please feel free to create your own real life maths questions to avoid children simply memorising the questions and answers.

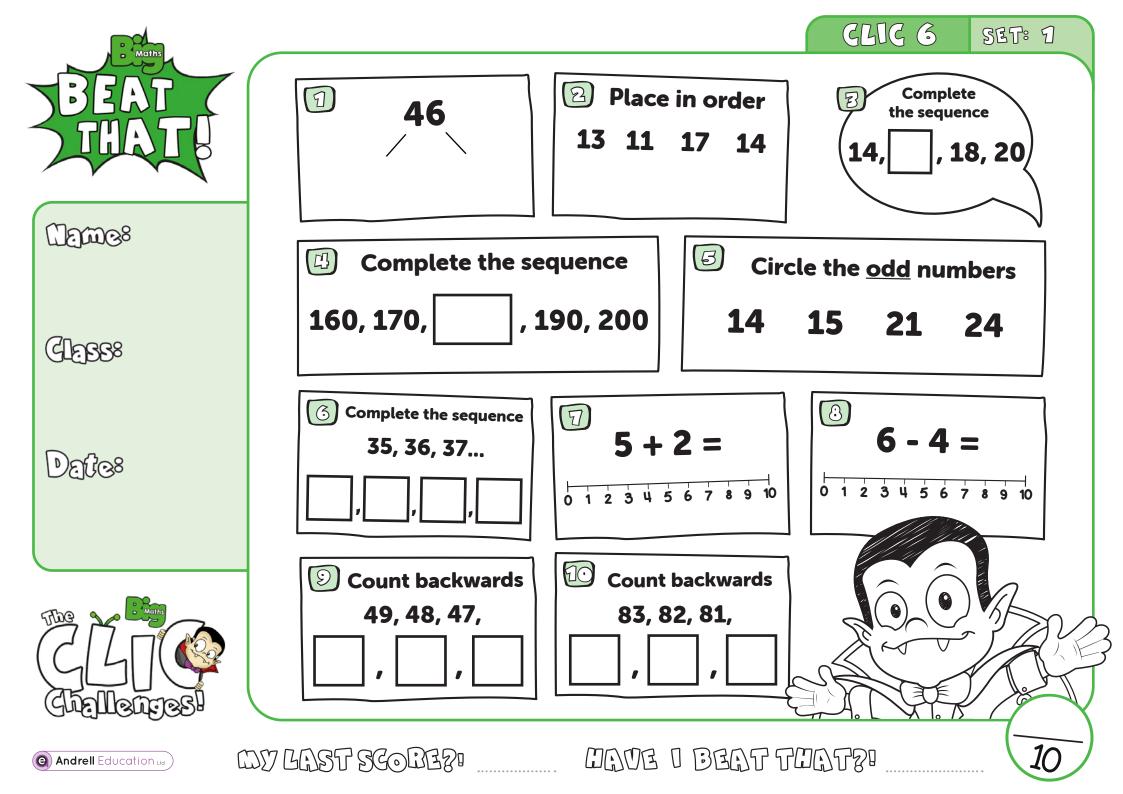
# Select Sheets

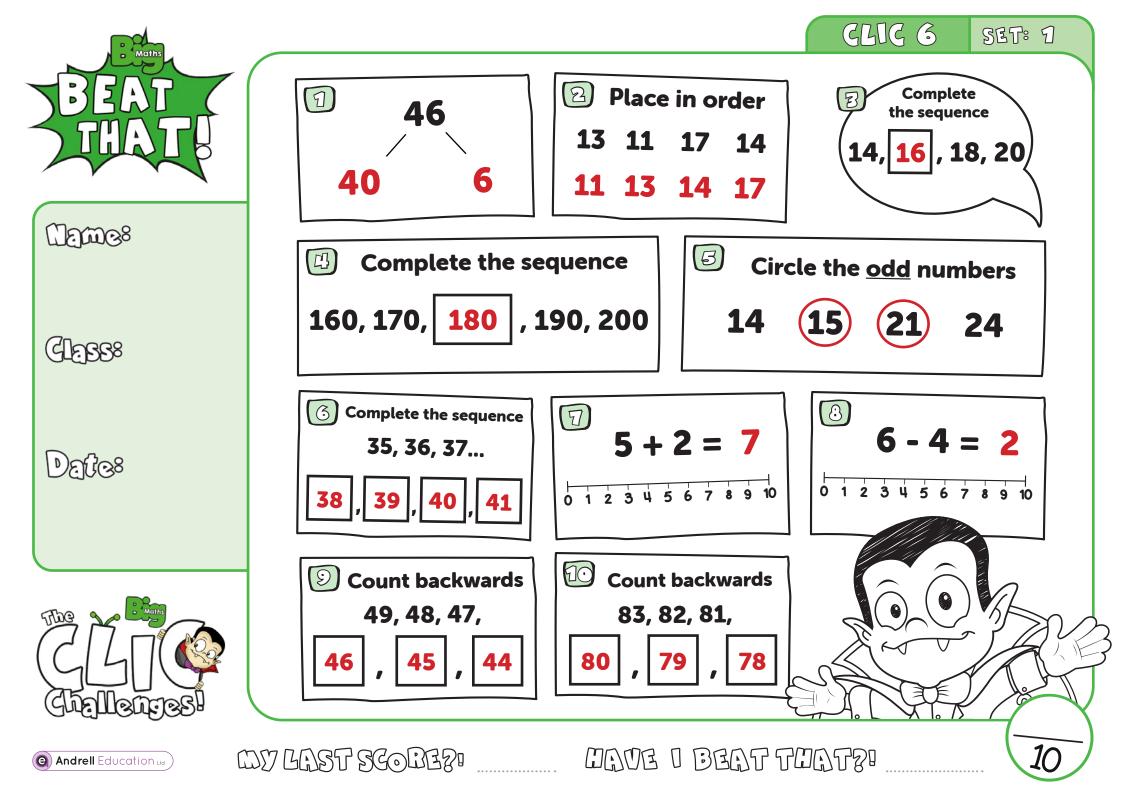
Select sheets contain a number of worded questions (usually 5) which no longer automatically relate to the step we are on. These increase the complexity and challenge further still. Please feel free to create your own select questions to avoid children simply memorising the questions and answers.



# CLIC 6

The following CLIC challenge is an example for you to use to practice at home. We have included the answer sheet as well. Please feel free to create your own additional questions by changing the numbers for any that your child gets wrong. It is important that you use the correct challenge level as provided by your teacher.



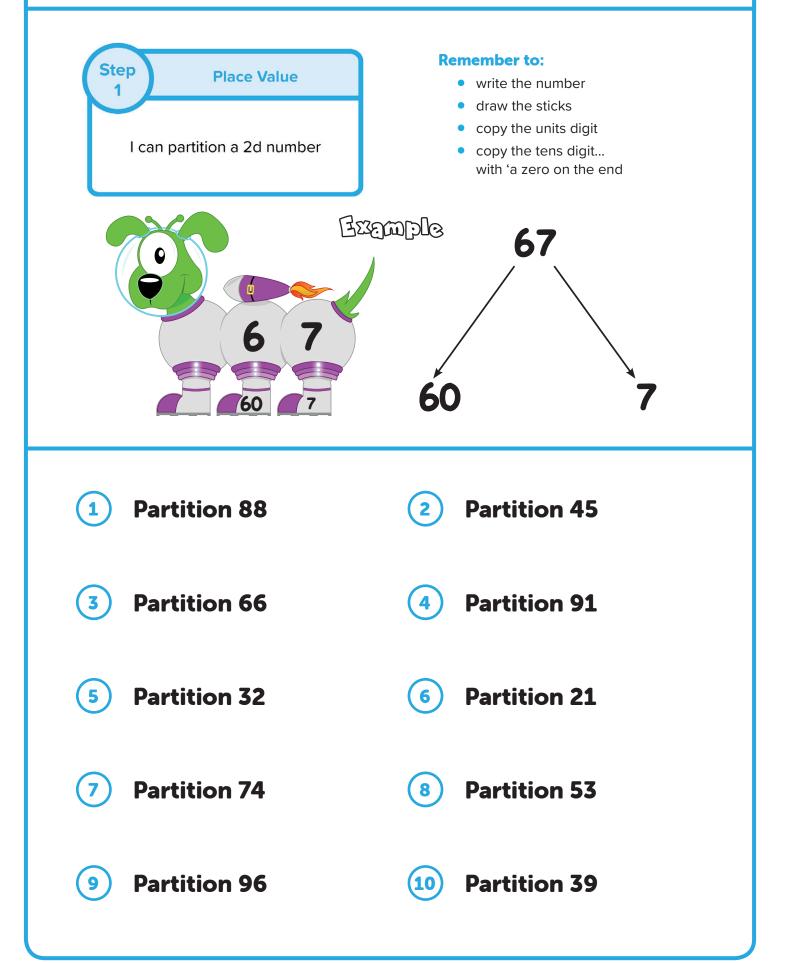


#### Question 1 - I can partition a 2 digit number

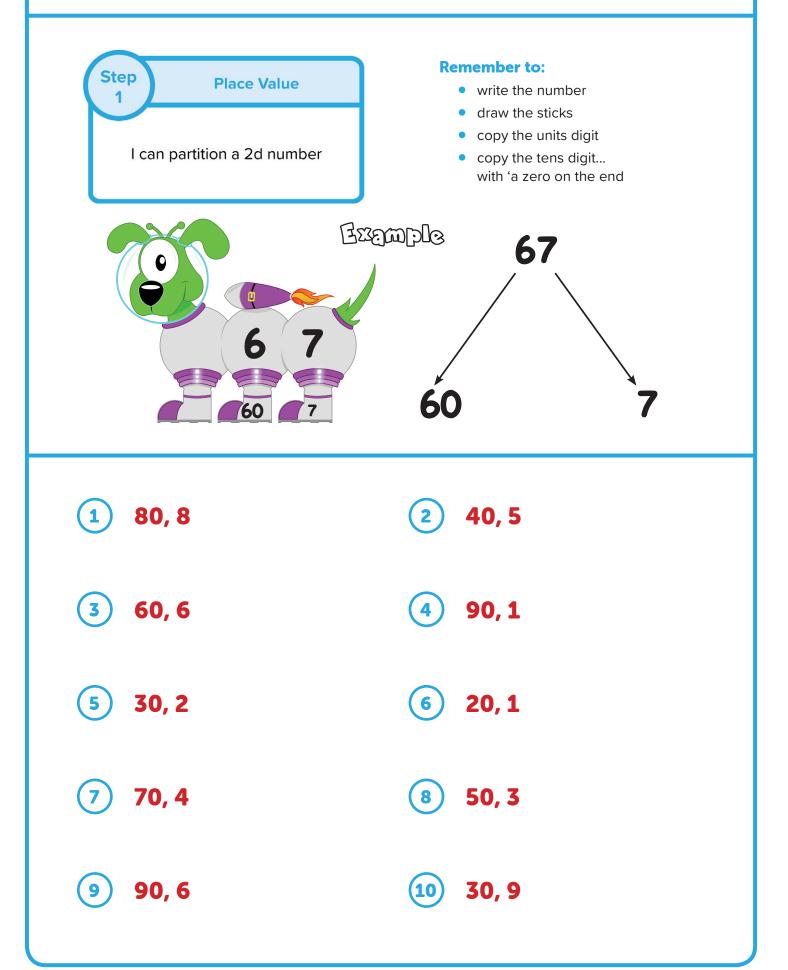
#### **Remember to:**

- write the 2 digit number
- draw the sticks
- copy the ones digit
- copy the tens digit with a zero on the end

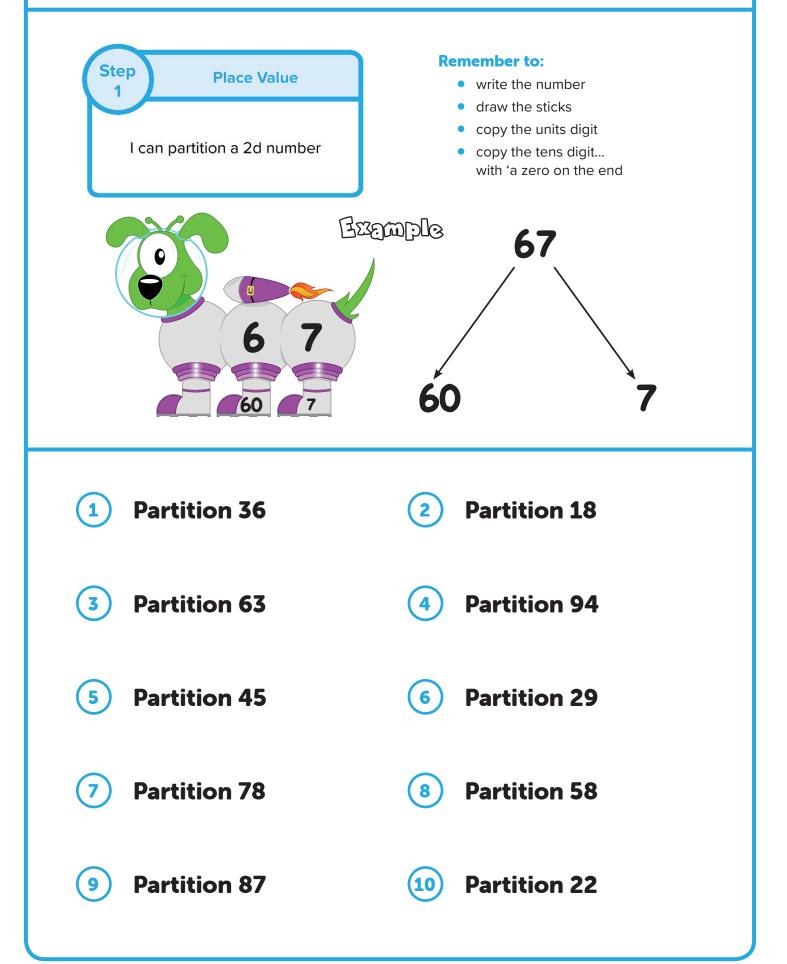




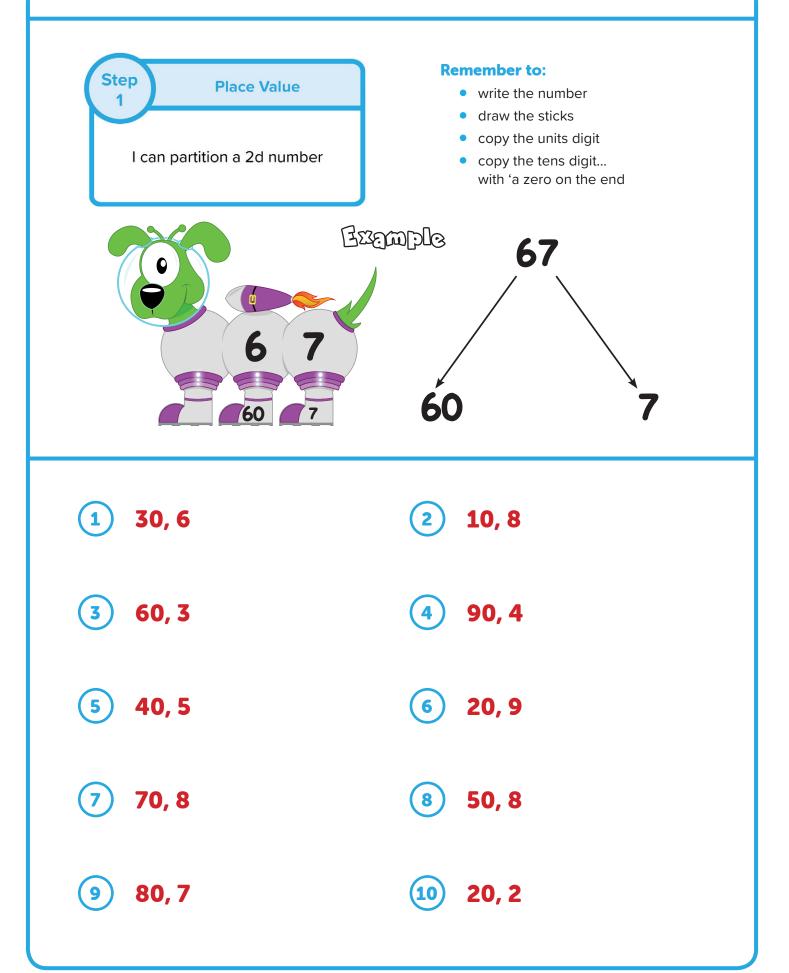








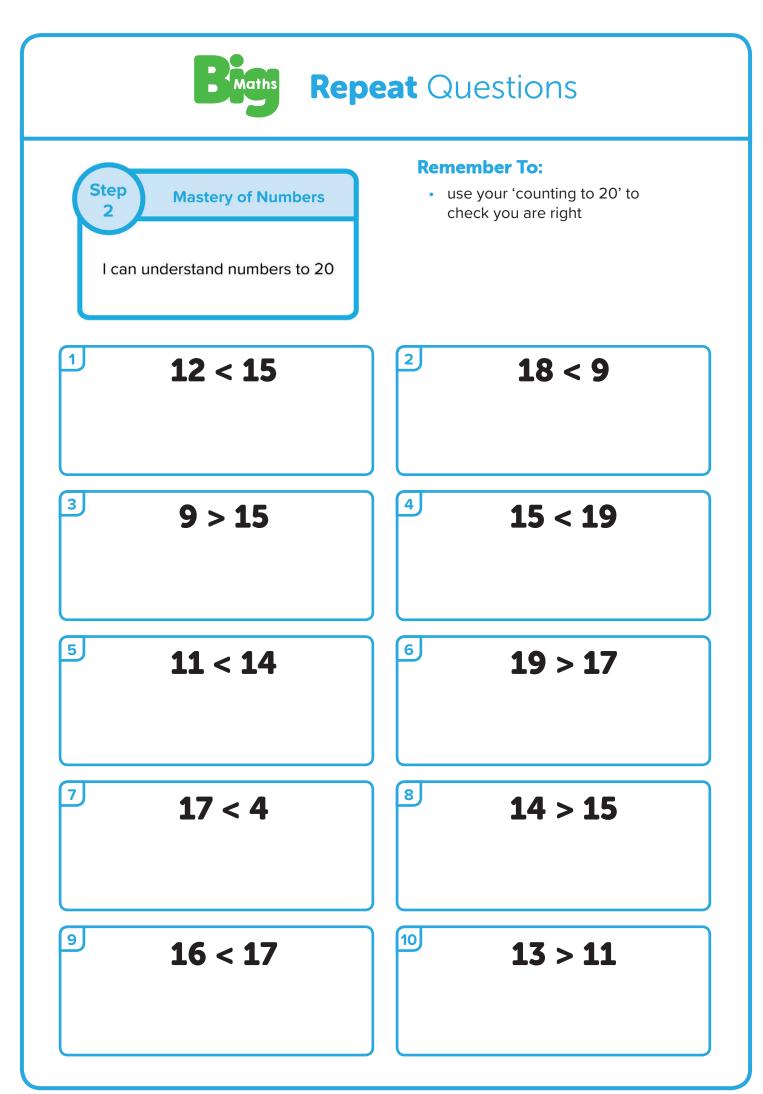


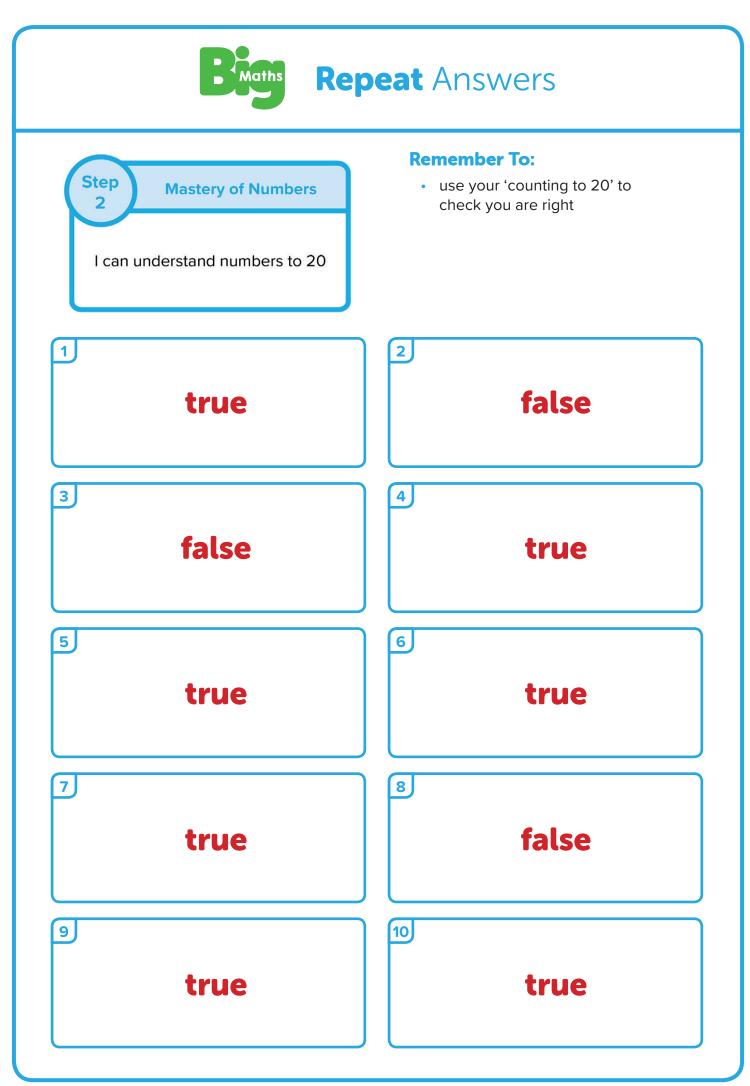


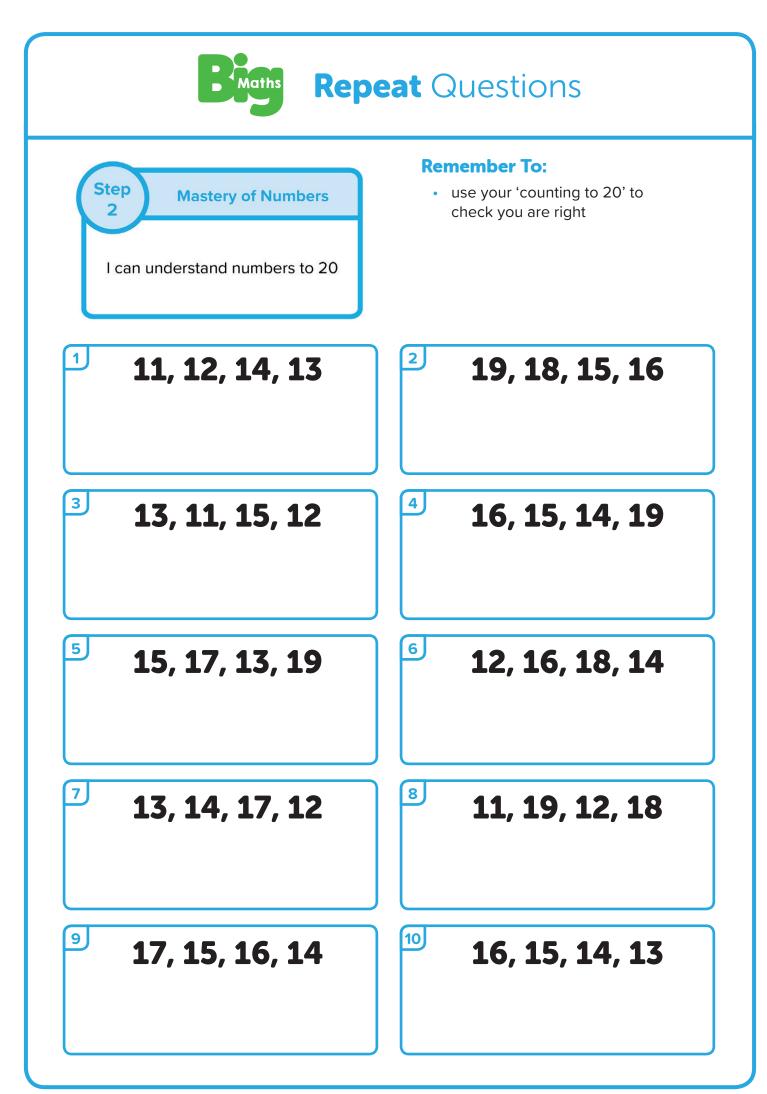
Question 2 - I can understand numbers to 20

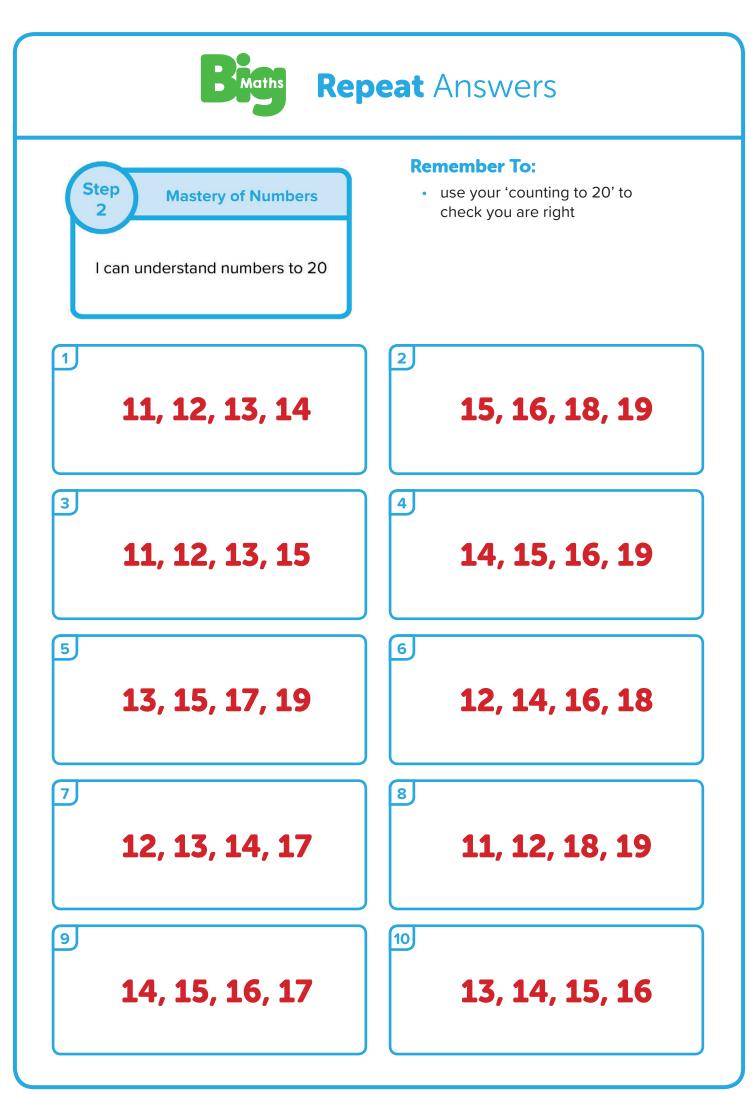
#### Remember to:

• use your 'counting to 20' to check you are right



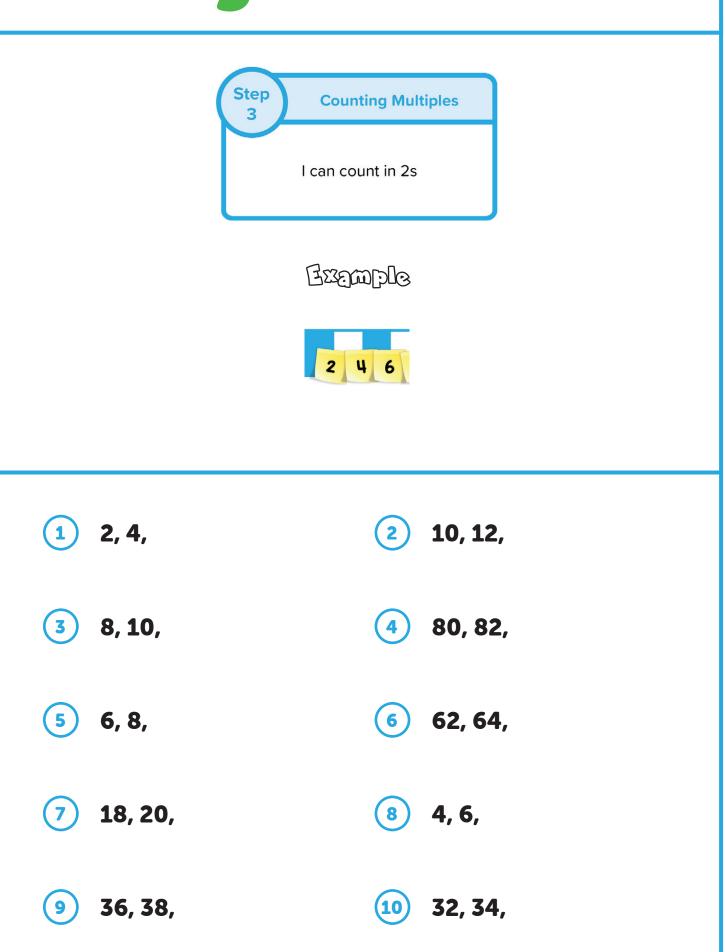




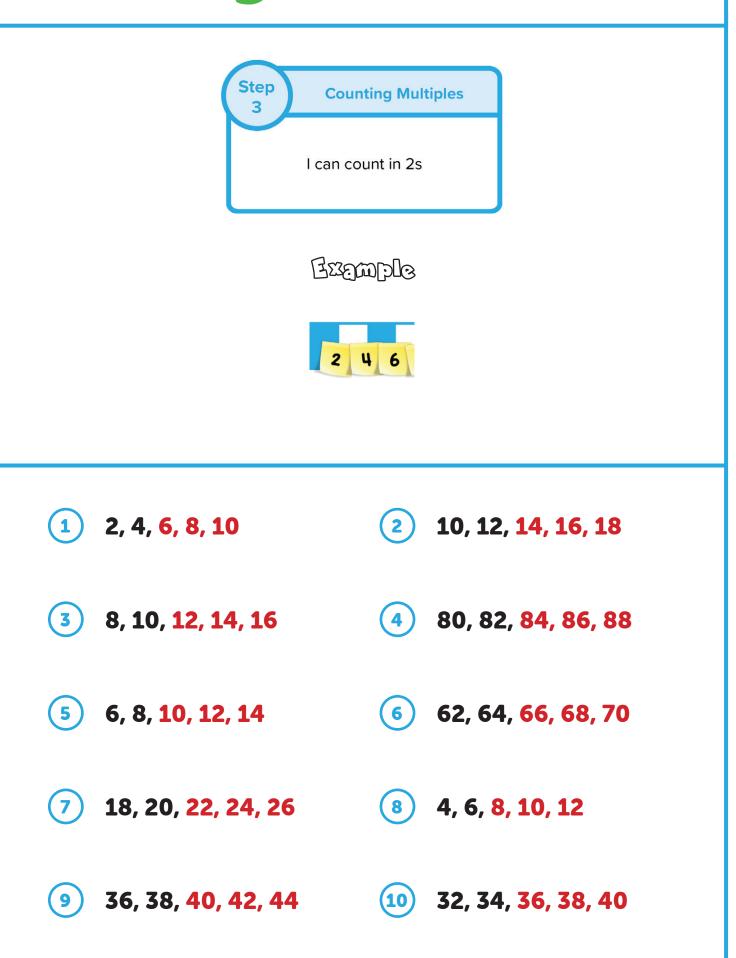


Question 3 - I can count in 2s

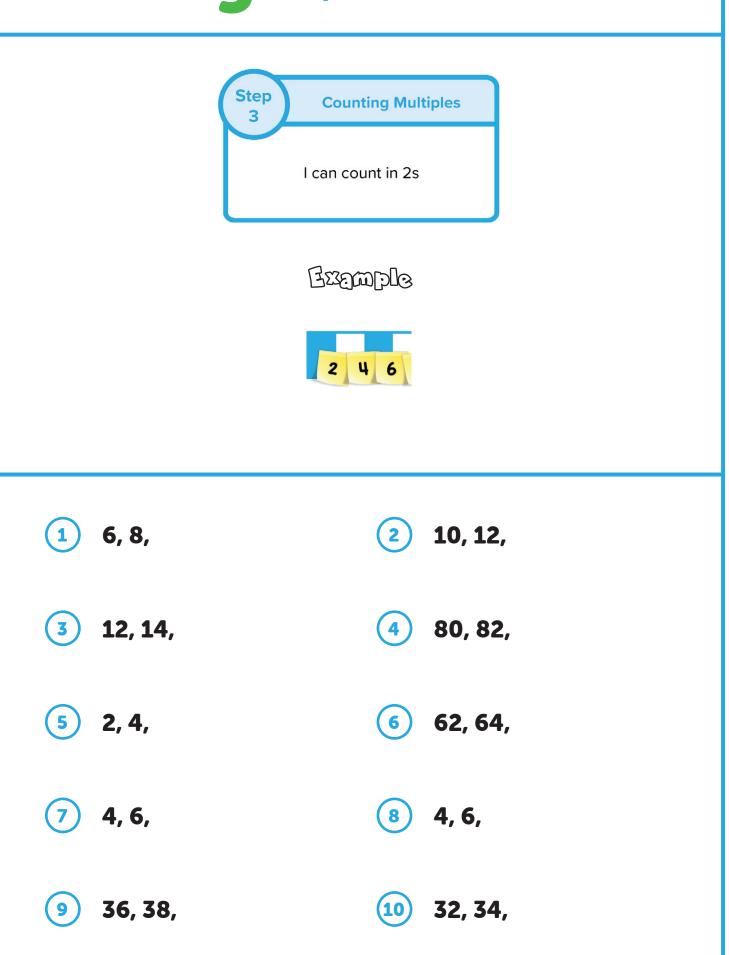




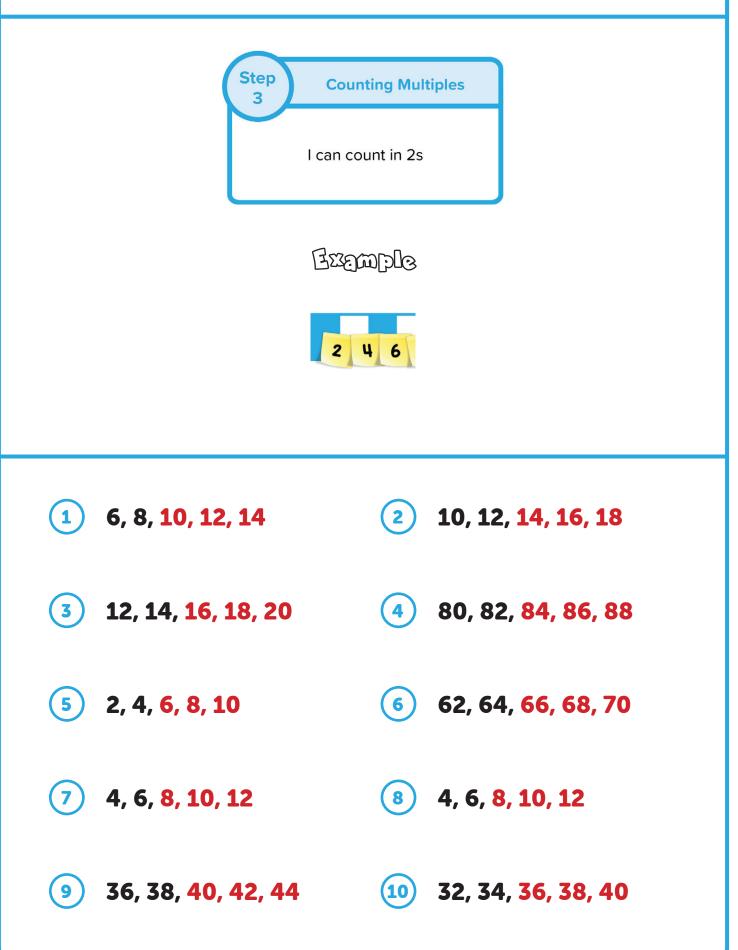








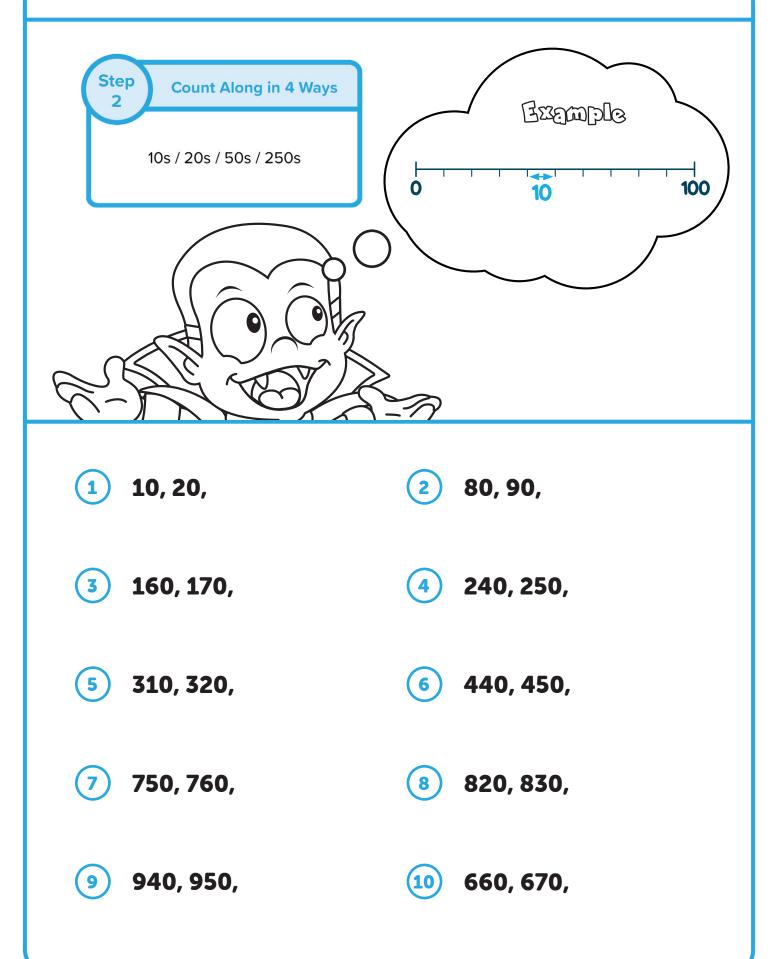




Question 4 - I can count in 10s

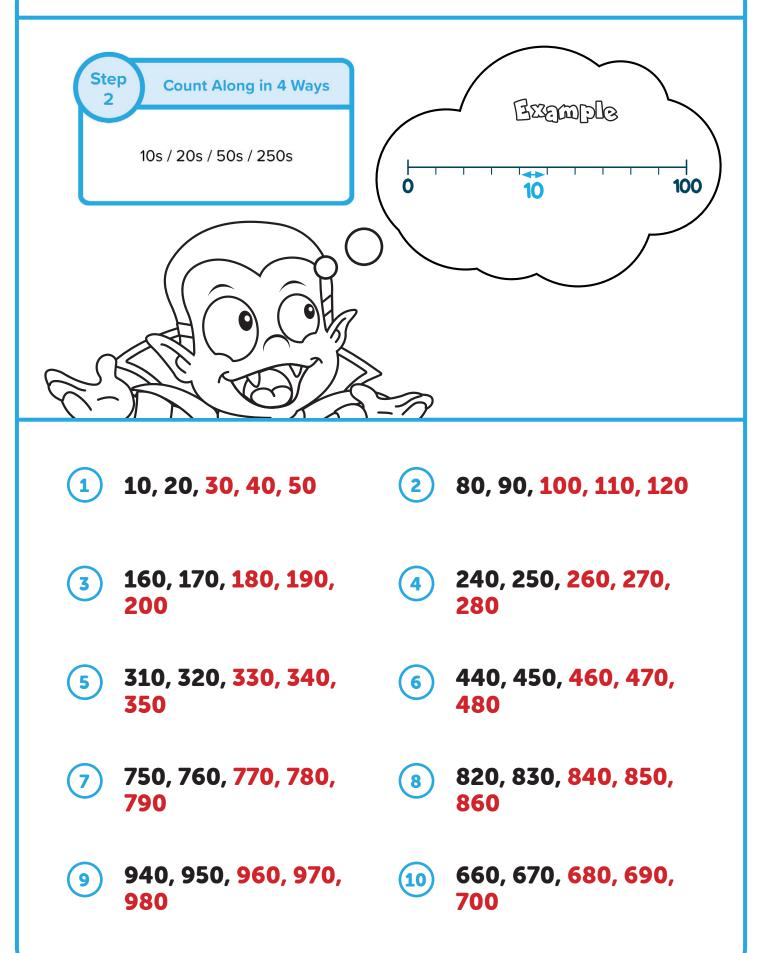


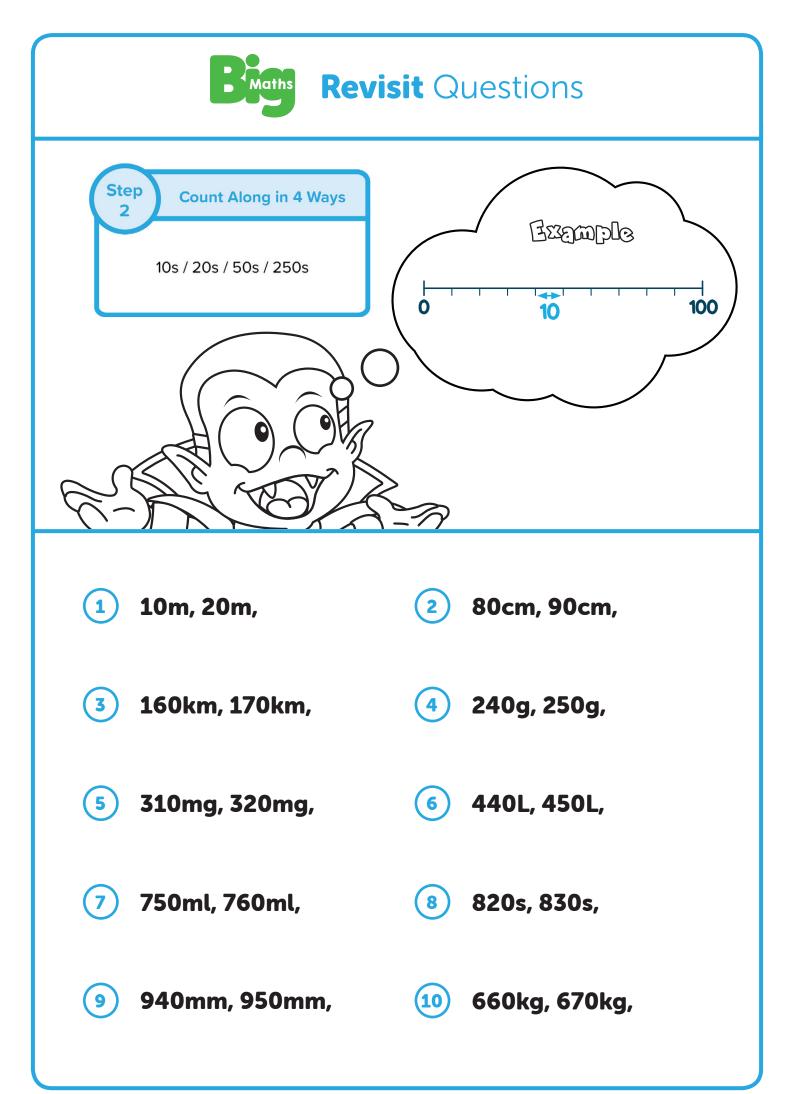
# **Repeat** Questions

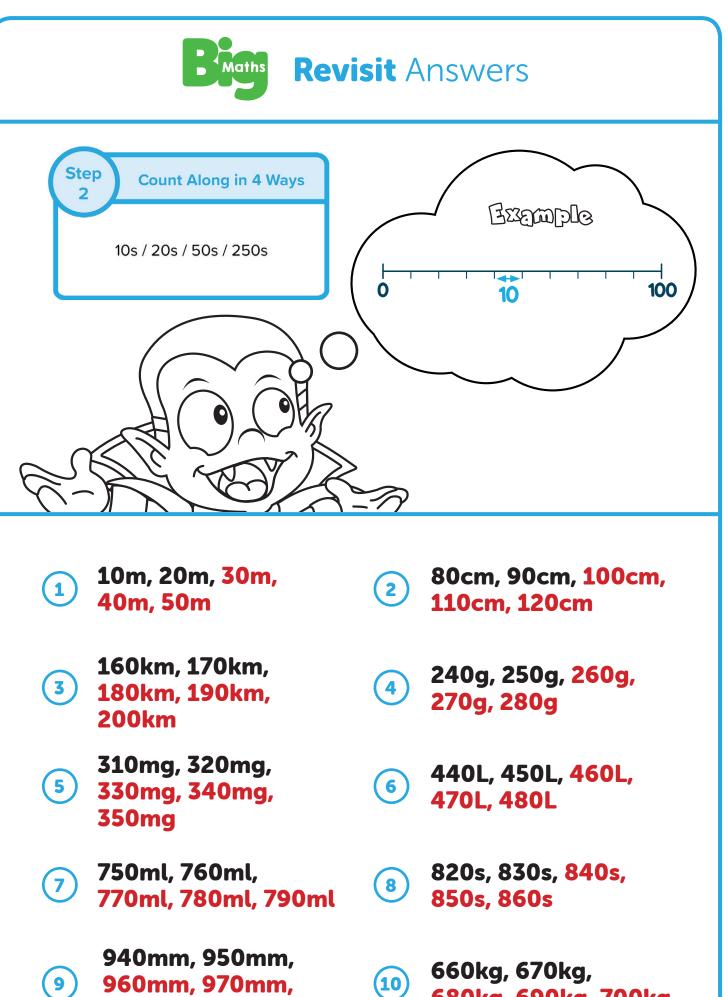




**Repeat** Answers



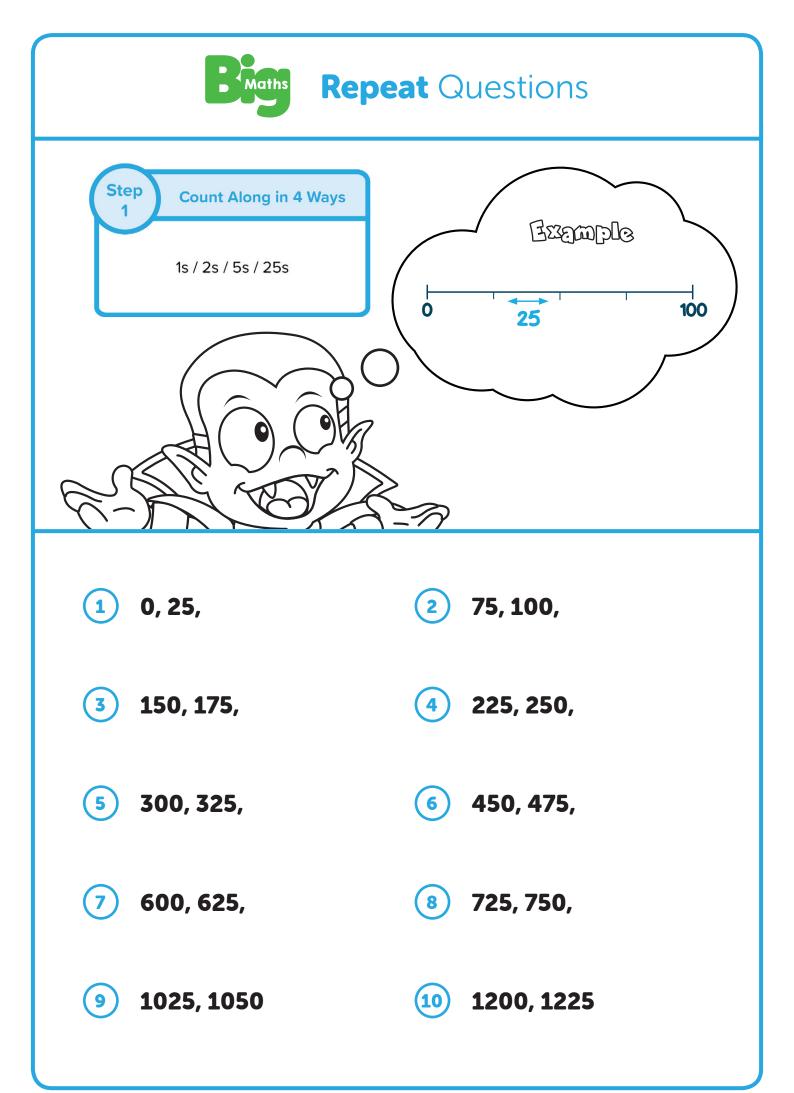


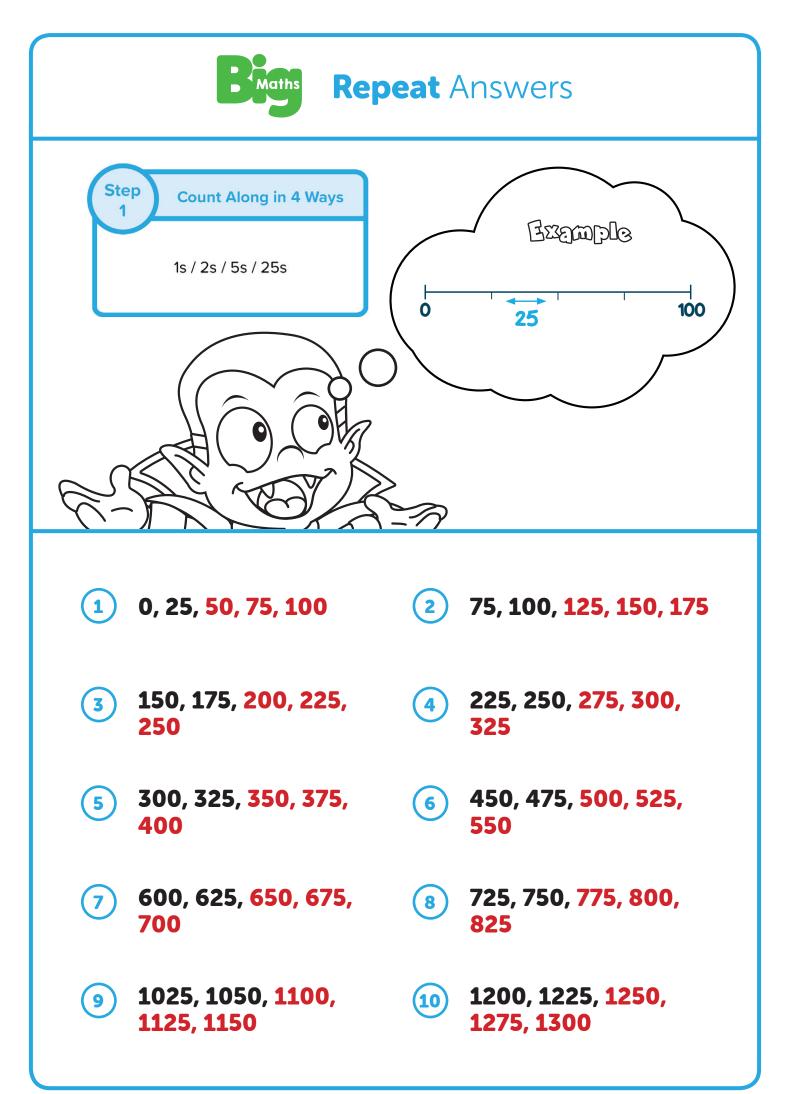


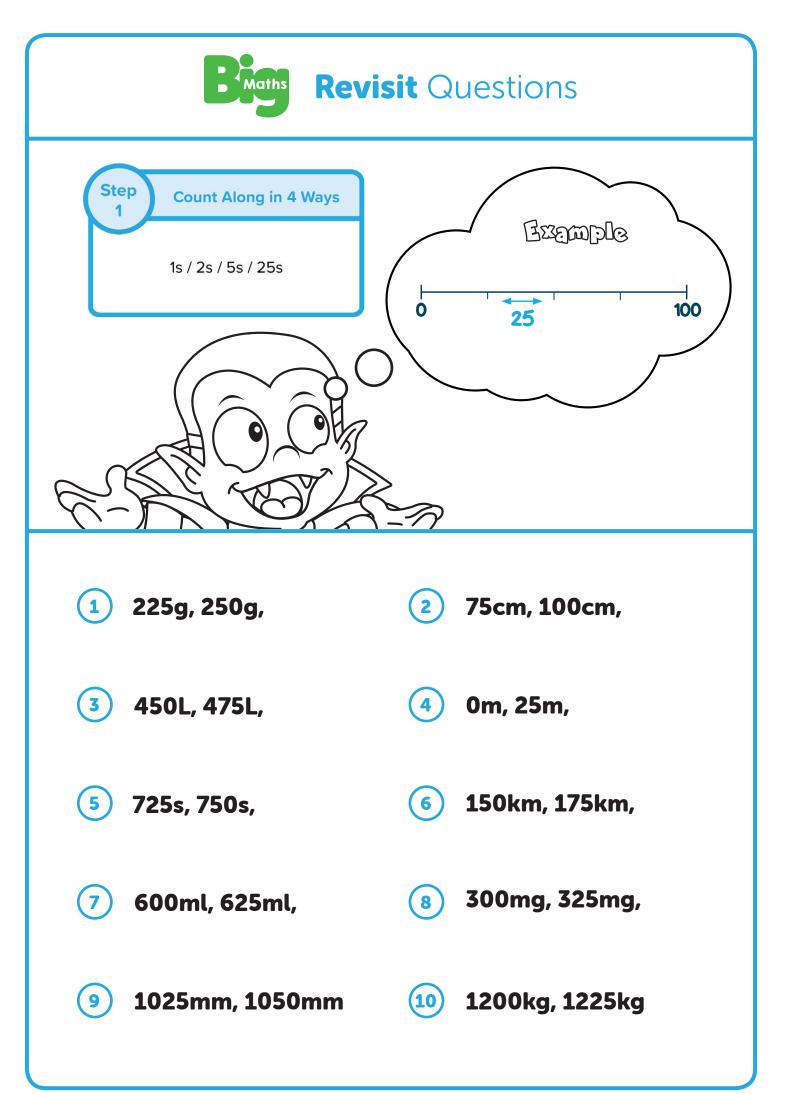
960mm, 970mm, 980mm

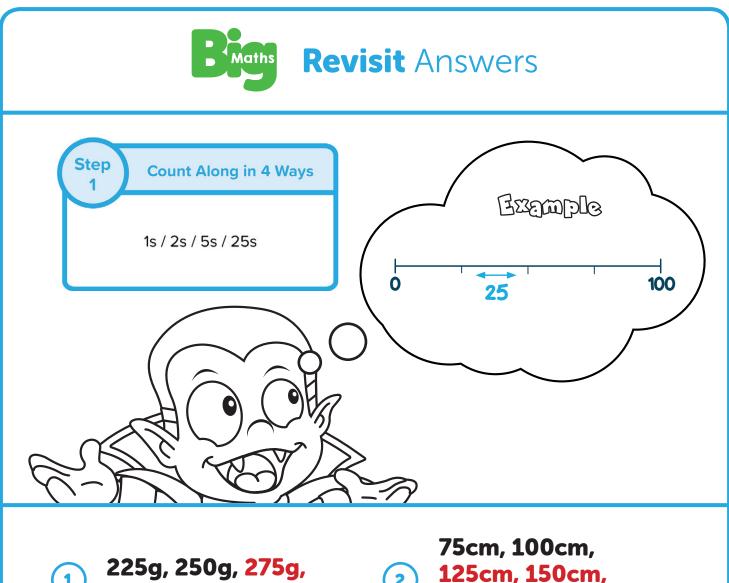
680kg, 690kg, 700kg

Question 5 - I can count in 25s









	300g, 325g	2
3	450L, 475L, <mark>500L,</mark> 525L, 550L	4

5 725s, 750s, 775s, 800s, 825s

600ml, 625ml,
 650ml, 675ml, 700ml

1025mm, 1050mm, 1100mm, 1125mm, 1150mm

(9)

2 **125cm**, **150cm**, **175cm** 

0m, 25m, <mark>50m, 75m,</mark> 100m

# 150km, 175km, 200km, 225km, 250km

300mg, 325mg,
 350mg, 375mg,
 400mg

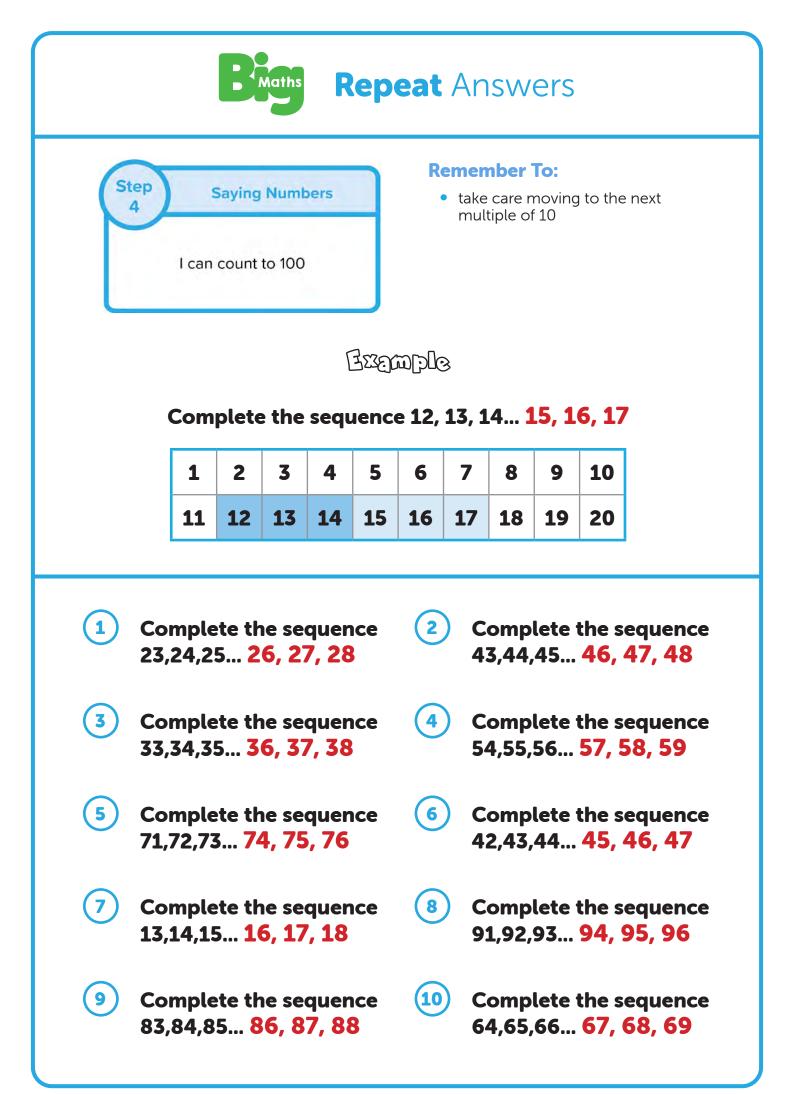
1200s, 1225s, 1250s, 1275s, 1300s

#### Question 6 - I can count to 100

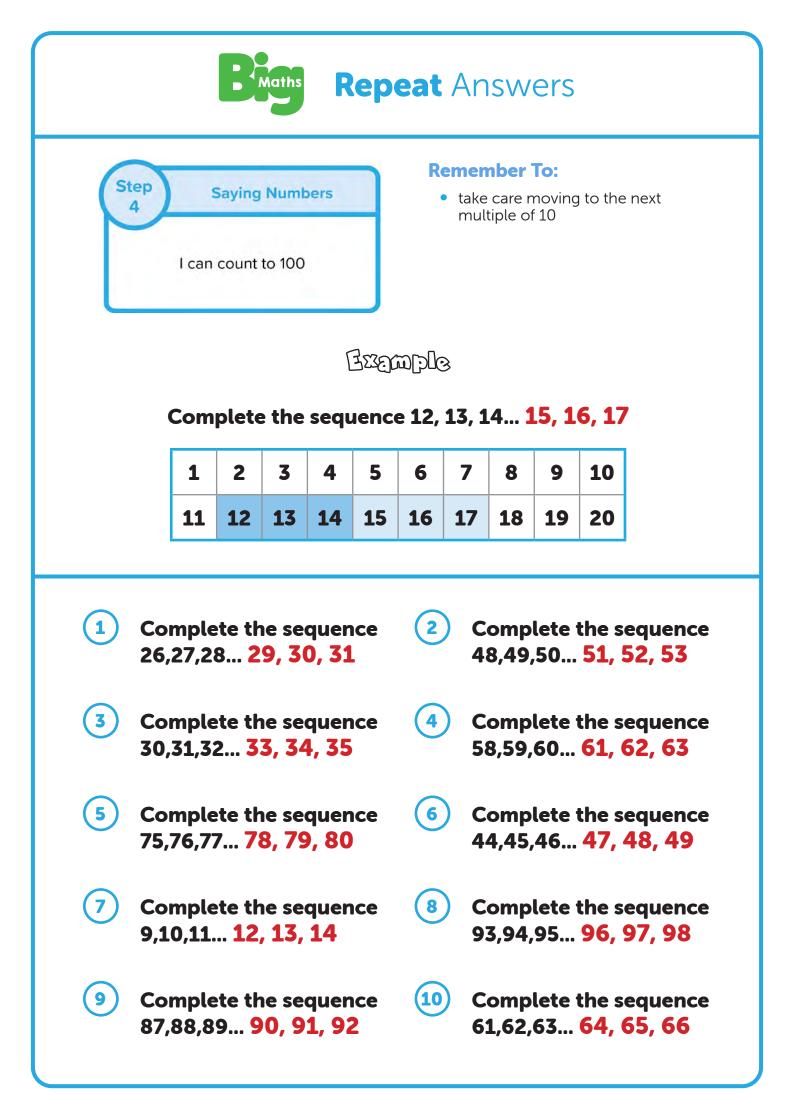
#### **Remember to:**

• take care moving to the next multiple of 10

Repeat Questions											
Step       Saying Numbers         4       I can count to 100											
કે¤રાજાગાહ Complete the sequence 12, 13, 14□, □, □,											
	1	2	3	4	5	6	7	8	9	10	
	11	12	13	14	15	16	17	18	19	20	
1       Complete the sequence       2       Complete the sequence         23,24,25       ,       ,       ,       43,44,45       ,       ,       ,											
3       Complete the sequence       4       Complete the sequence         33,34,35       ,       ,       54,55,56       ,       ,       ,											
5Complete the sequence6Complete the sequence71,72,73, , , , , , , , , , , , , , , , , , ,											
	7Complete the sequence8Complete the seq13,14,15, , , , , , , , , , , , , , , , , , ,										
	9Complete the sequence10Complete the sequence83,84,85, , , , , , , , , , , , , , , , , , ,										equence



Repeat Questions														
Step       Saying Numbers         4       I can count to 100														
દ¤ગ્રભાગિટ Complete the sequence 12, 13, 14 □ , □ , □														
	1	2	3	4	5	6	7	8	9	10				
	11	12	13	14	15	16	17	18	19	20				
<ol> <li>Complete the sequence 26,27,28 , , , , , , , , , , , , , , , , , ,</li></ol>														
3       Complete the sequence       4       Complete the sequence         30,31,32       ,       ,        58,59,60       ,       ,          5       Complete the sequence       6       Complete the sequence       6       Complete the sequence         75,76,77       ,       ,        44,45,46       ,       ,														
	<ul> <li>Complete the sequence</li> <li>9,10,11</li> </ul>								Complete the sequence 93,94,95 , , , ,					
	<ul> <li>Complete the sequence</li> <li>87,88,89</li> <li>,</li> <li>,</li> </ul>									Complete the sequence 61,62,63 , , , , , , , , , , , , , , , , , ,				

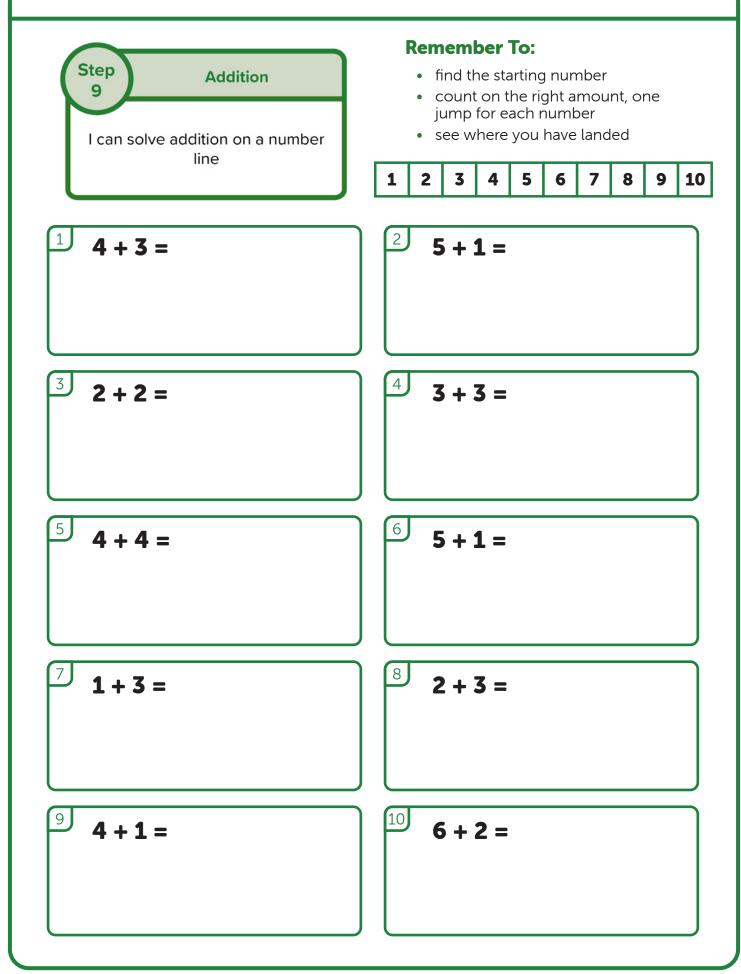


#### Question 7 - I can solve addition on a number line

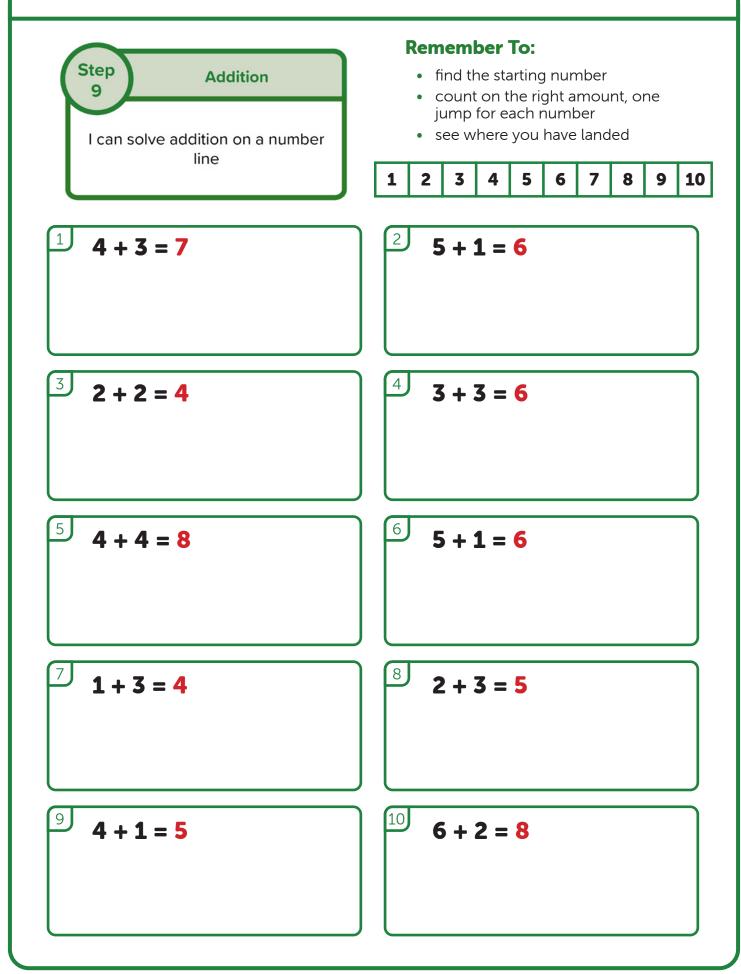
#### **Remember to:**

- find the starting number
- count on the right amount one jump for each number
- see where you have landed

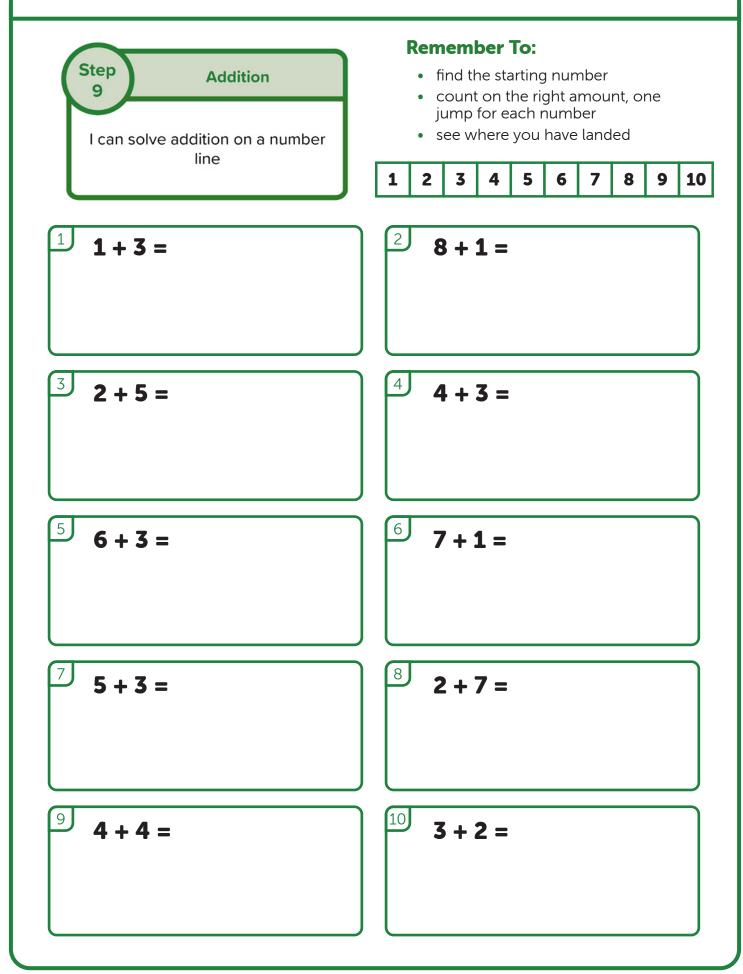






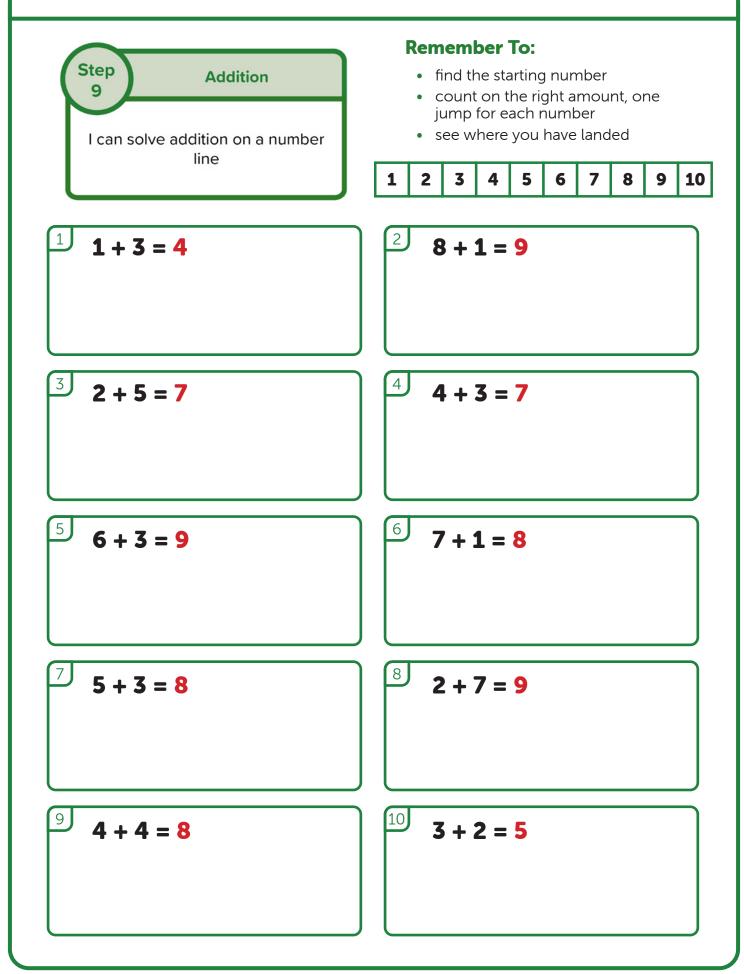




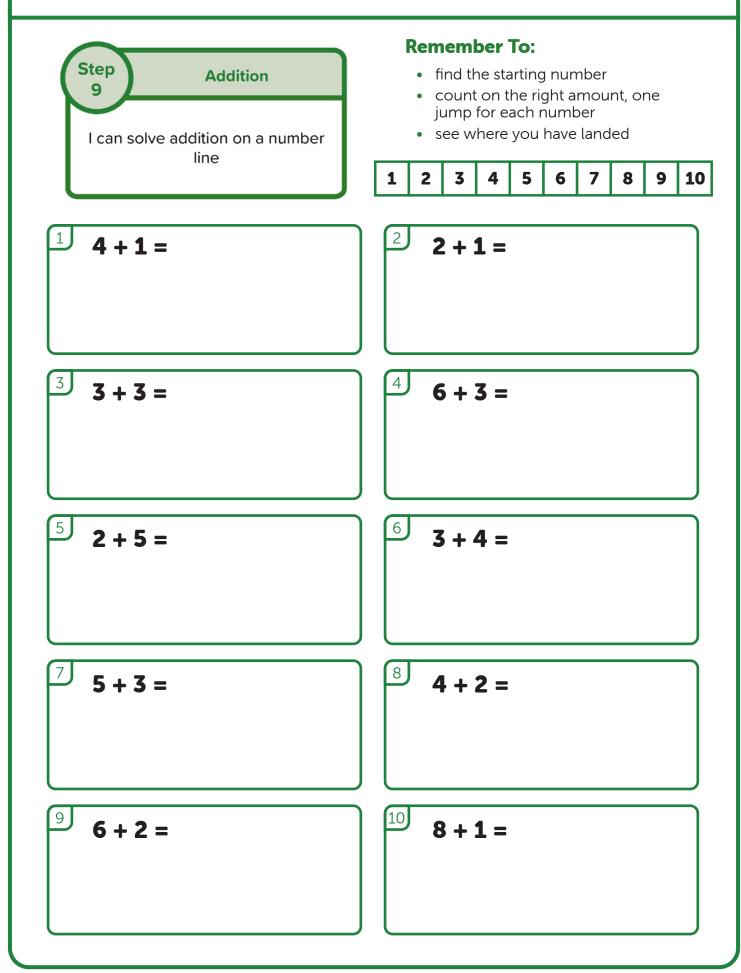




### **Repeat** Answers

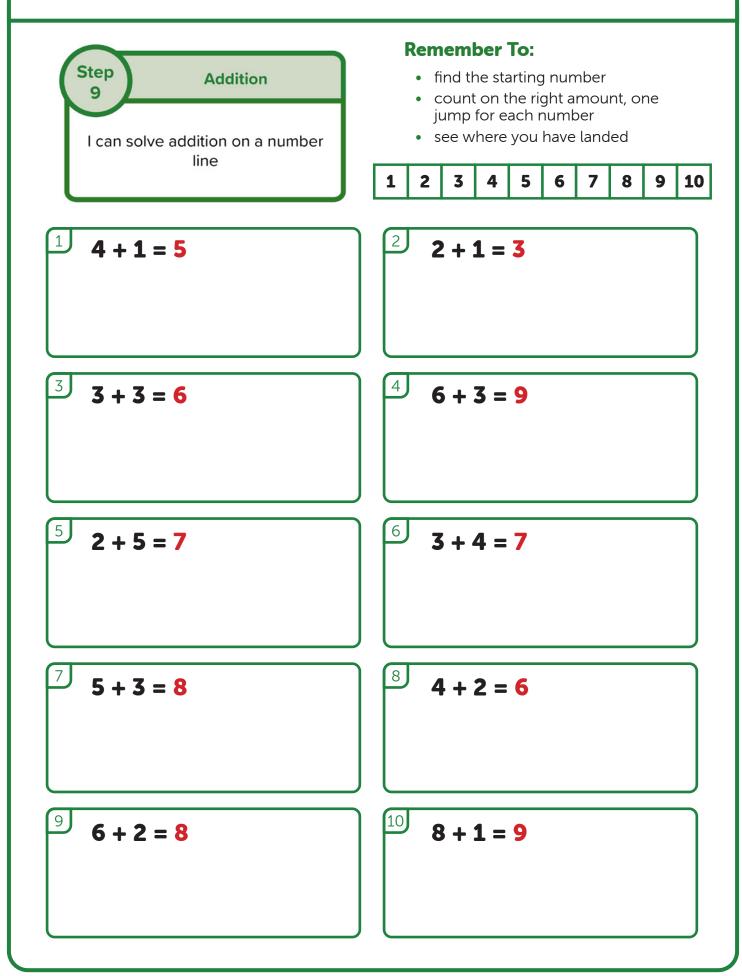








### **Repeat** Answers

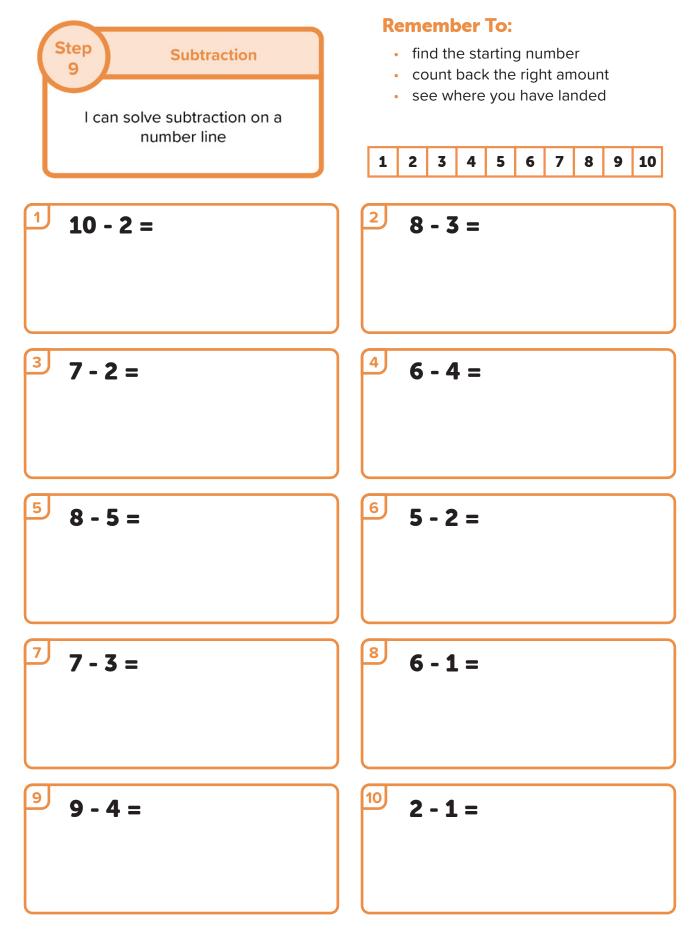


Question 8 - I can solve subtraction on a number line

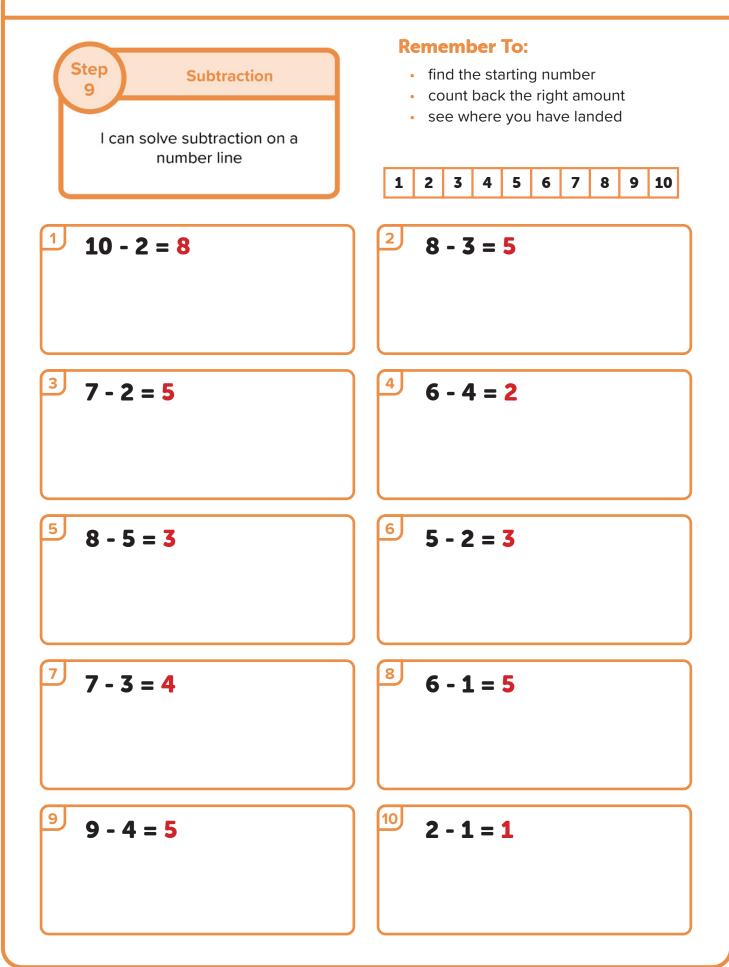
#### **Remember to:**

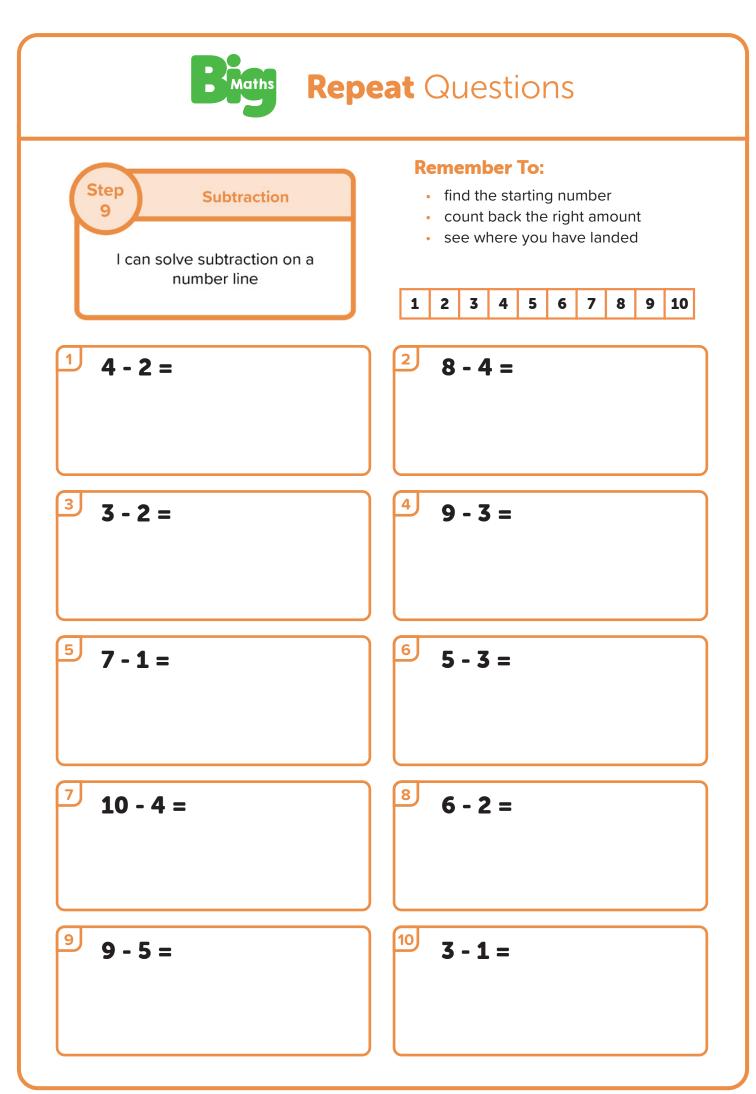
- find the starting number
- count back the right amount
- see where you have landed

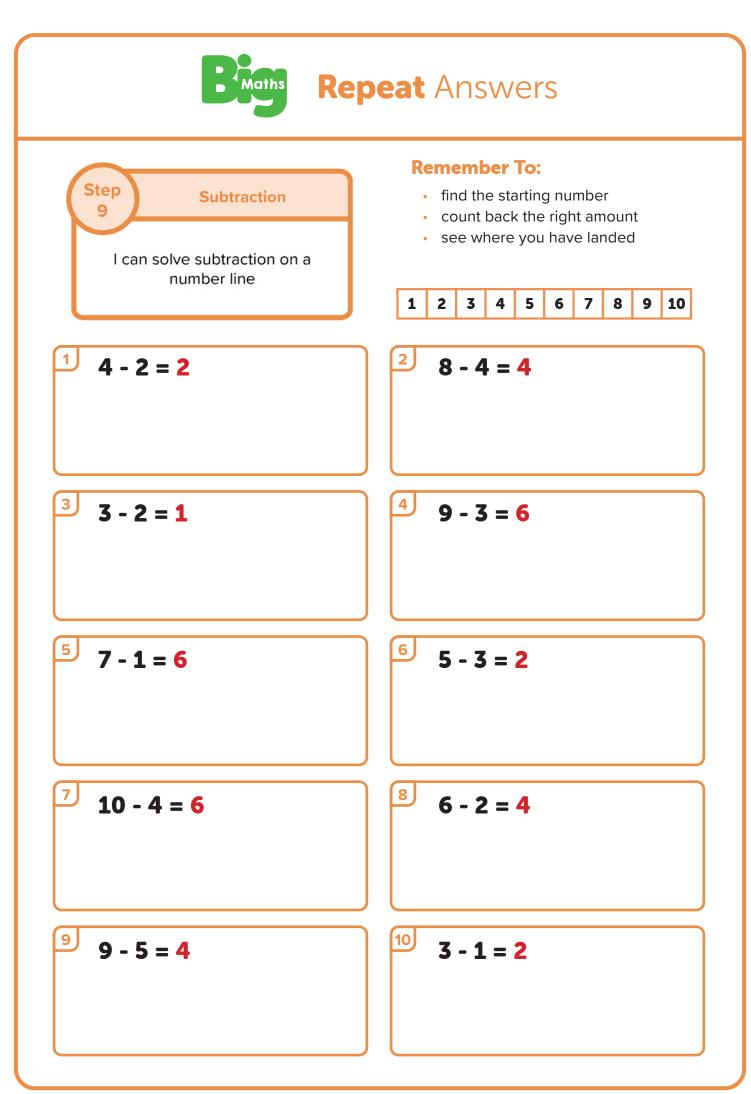




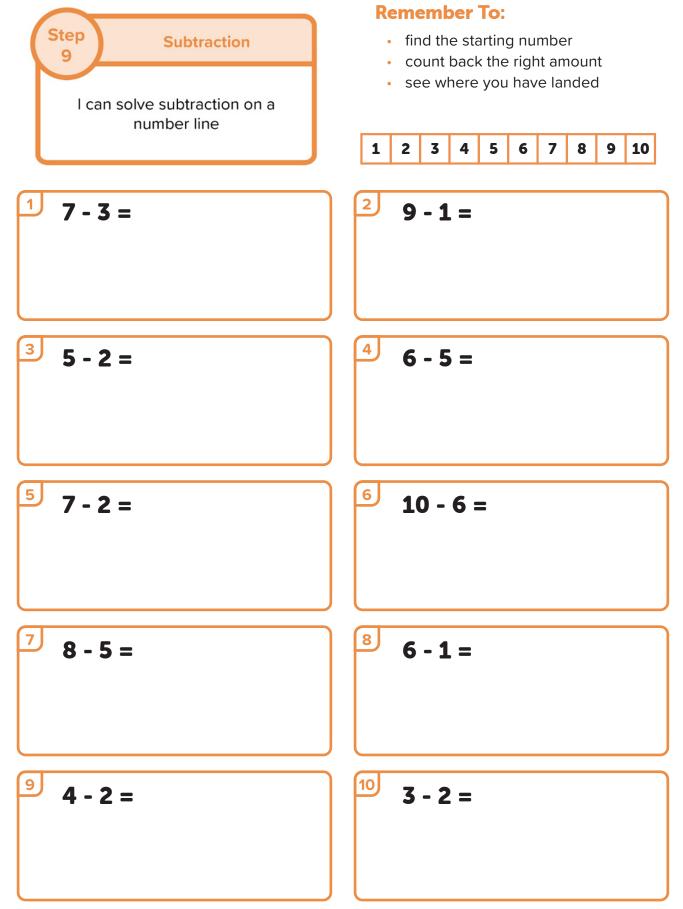


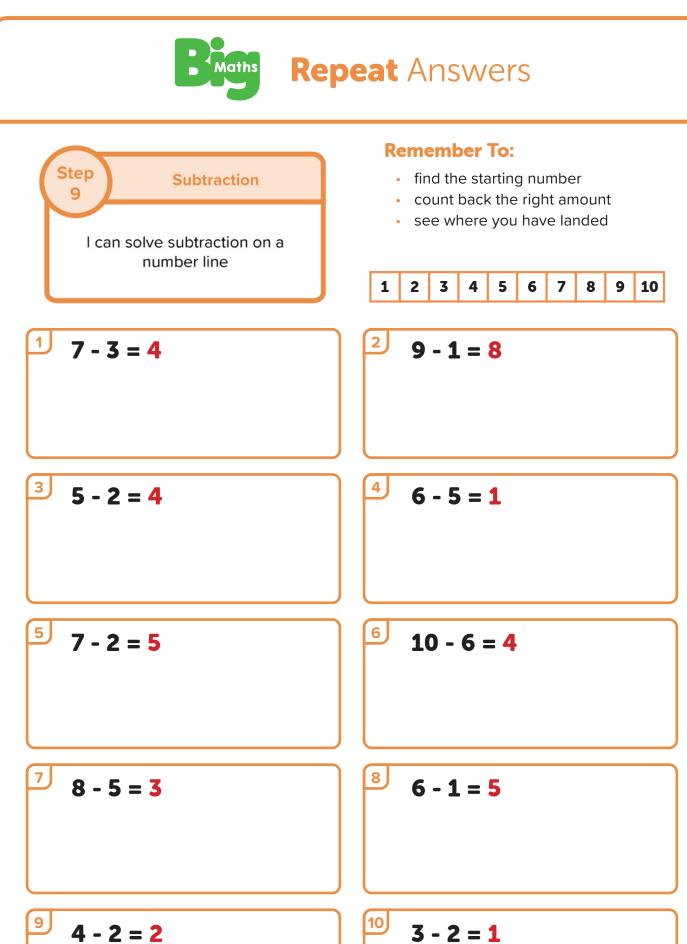












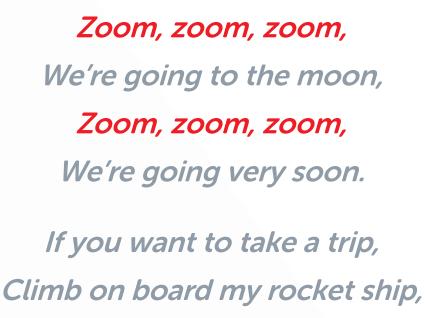
Question 9 - I can backwards from a number less than 100





At least once a day the Learning Leader leads the children in singing the following song, which provides an opportunity for children to join in counting backwards from 10.

0

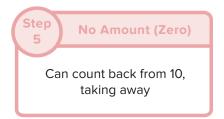


*Zoom, zoom, zoom, We're going to the moon.* 

> 10, 9, 8, 7, 6, 5, 4, 3, 2, 1

Sticky

Plav







### The Learning Leader shows the children 10 teddies placed under a blanket.

Together the Learning Leader leads the children in singing the song 'There were 10 in the bed'.

Each time a teddy rolls over and falls out a child is asked to remove a teddy from the bed, illustrating the objects being taken away as the children count backwards in the song.



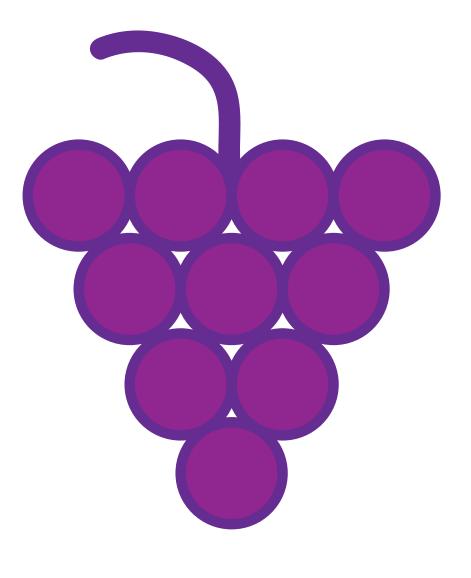
Question 10 - I can backwards from a number less than 100







The Learning Leader provides children with a healthy snack, for example 20 grapes. The children eat one grape at a time, counting backwards until all of the snack is gone.



Little Big Maths: Activities

100 SQUARE!



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



