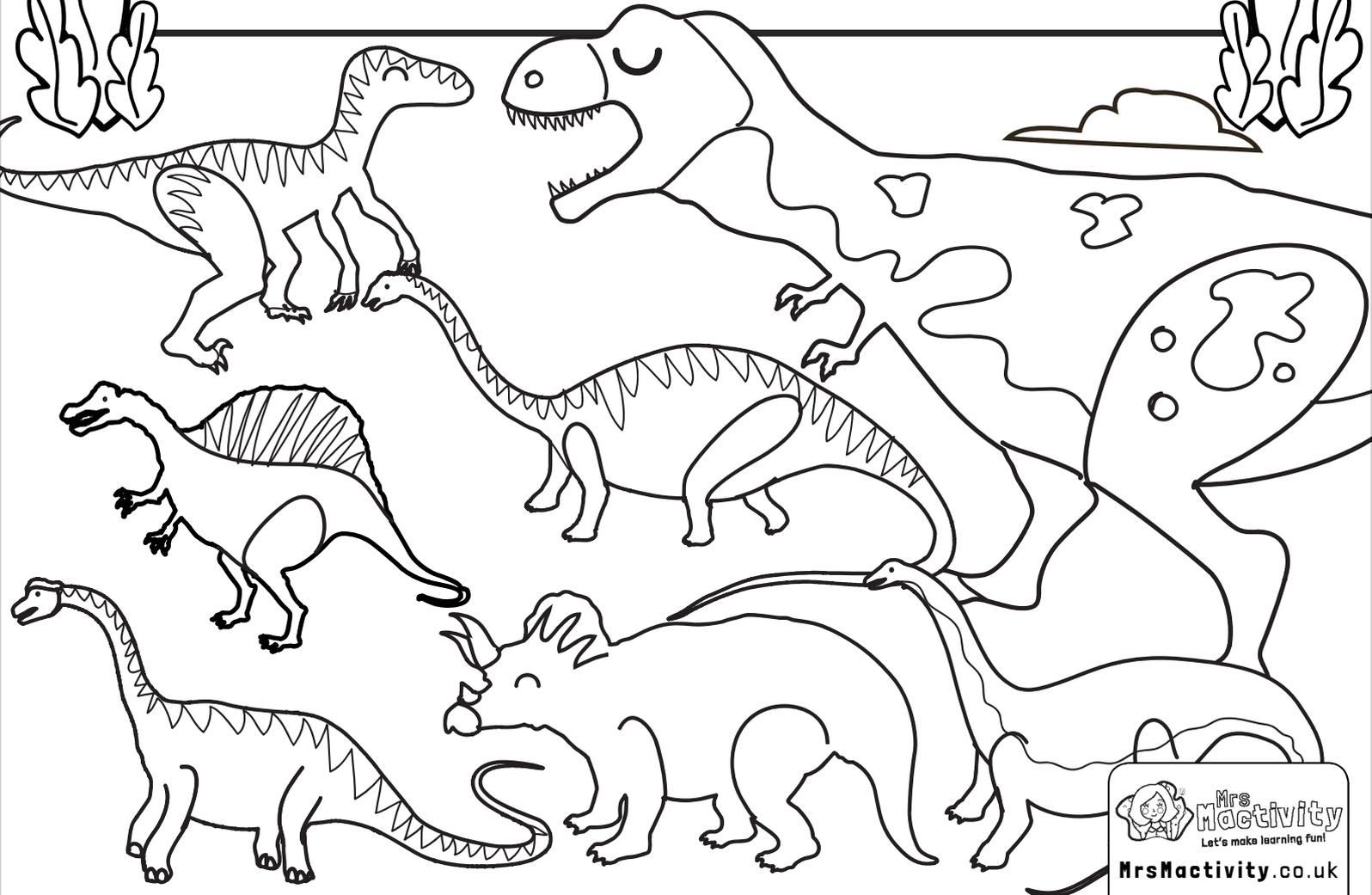


Colour in this page!

# DINOSAURS

Book 1 Maths Workbook

Name: .....



# Dino Maths Activity Pack **Book 1**

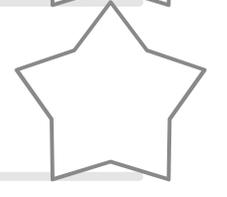
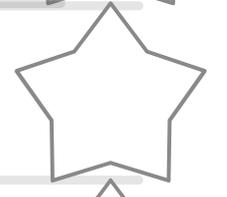
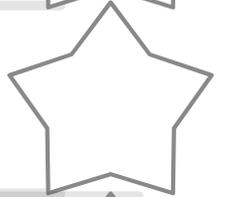
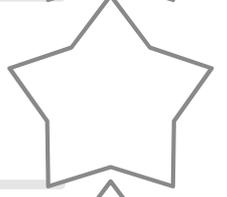
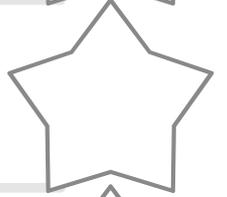
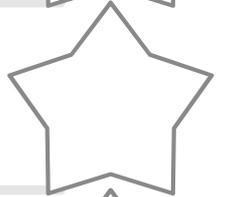
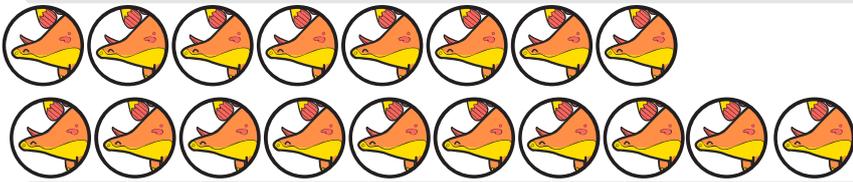
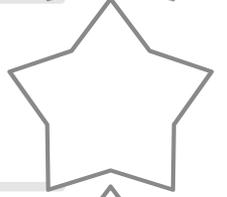
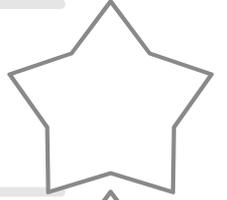


**Note for adults:** For each activity the linked ELG (Early Learning Goal) for end of Reception and the Year 1 NC (National Curriculum) are shown so you can see what children are working towards.

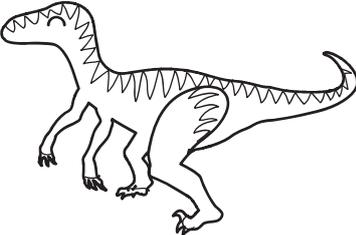
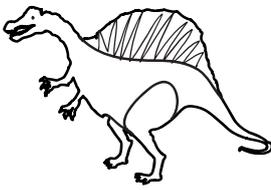
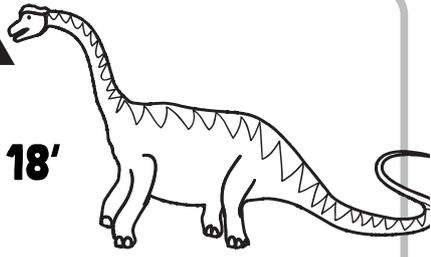
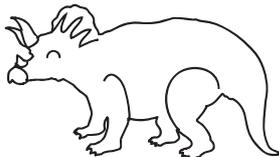
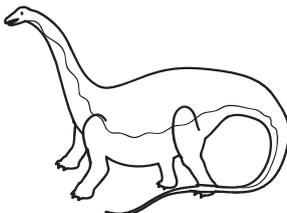
	<b>Counting</b>
<b>ELG</b>	<ul style="list-style-type: none"> <li>Children count reliably with numbers from one to 20, place them in order and say which number is one more or one less than a given number.</li> </ul>
<b>Year 1 NC</b>	<ul style="list-style-type: none"> <li>Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number.</li> <li>Count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens.</li> <li>Given a number, identify one more and one less.</li> <li>Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least.</li> <li>Read and write numbers from 1 to 20 in numerals and words.</li> </ul>

# 1. Can you count these dinosaurs?

Add up all the dinosaur friends on each line and write the number in the stars!



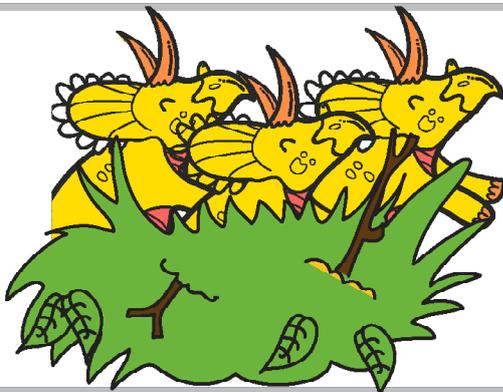
2. These dinosaurs are different heights. Can you put them in order from the smallest to the biggest dinosaur? Their height is shown in feet.

↑ 16'		↑ 9'		↑ 18'	
↑ 6'		↑ 13'		↑ 5'	

<b>Dino</b>	<b>Dino</b>	<b>Dino</b>	<b>Dino</b>	<b>Dino</b>	<b>Dino</b>
_____	_____	_____	_____	_____	_____

**smallest** → **largest**

3. Can you work out which number is one more or one less than a given number? Look at these dinosaurs in their nests.

	<p>How many dinosaur babies are there?</p>
<p>One more dinosaur baby?</p>	<p>One less dinosaur baby?</p>



How many dinosaur babies are there?

One more dinosaur baby?

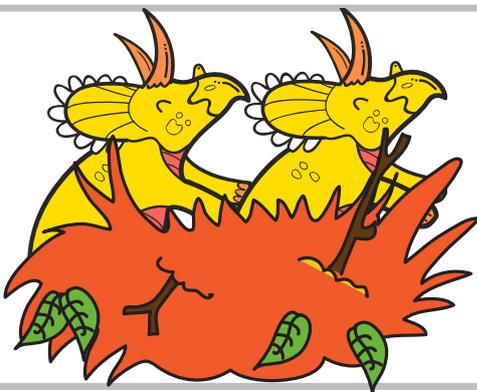
One less dinosaur baby?



How many dinosaur babies are there?

One more dinosaur baby?

One less dinosaur baby?



How many dinosaur babies are there?

One more dinosaur baby?

One less dinosaur baby?

**4. Can you count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number?**



We need to practise counting the dinosaurs to make sure they are all here! Can you help? You could start by practising counting aloud to a grown up.  
**Colour in the star if you can do it!**



**Start at 67 and count to 78**



**Start at 104 and count to 94**



**Start at 89 and count to 101**



**Start at 112 and count to 99**



**5. Count, read and write numbers to 100 in numerals**

Can you read these numbers aloud to a grown up? **Colour in the star if you can do it!**



**48**



**77**



**56**



**93**



**5. Count, read and write numbers to 100 in numerals**

Can you write these numbers in numerals?



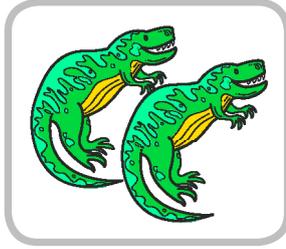
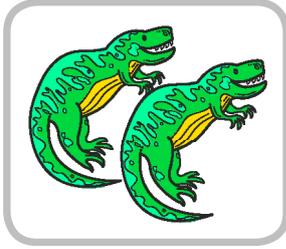
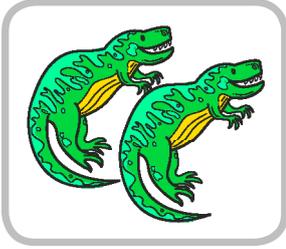
**thirty one**

**ninety nine**

**forty three**

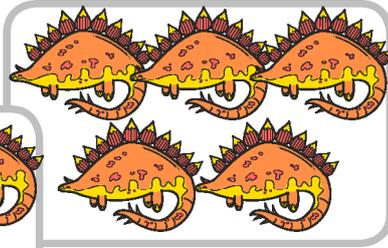
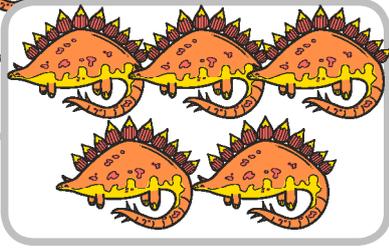
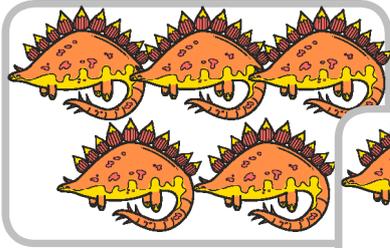
**twenty two**

**6. Count in multiples of twos, fives and tens. Can you count these dinosaur friends?**



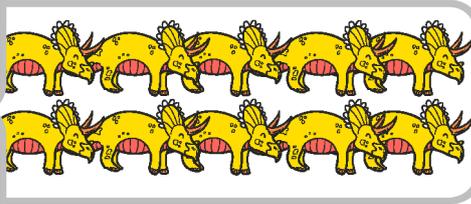
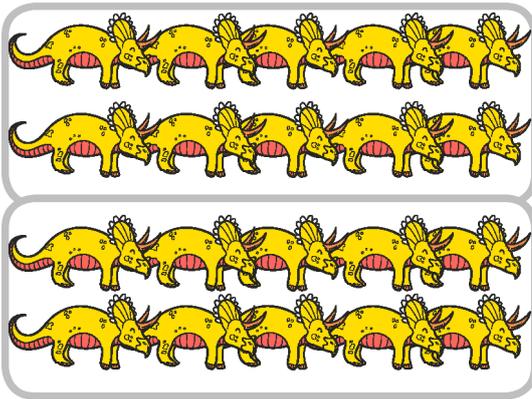
**=**

\_\_\_\_\_



**=**

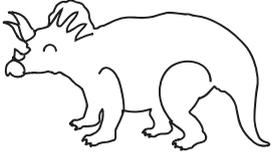
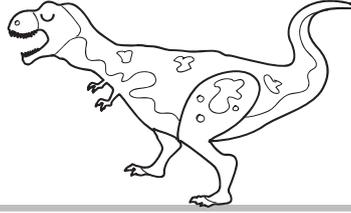
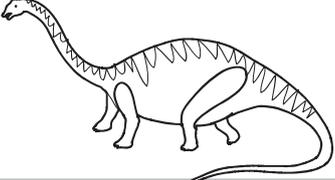
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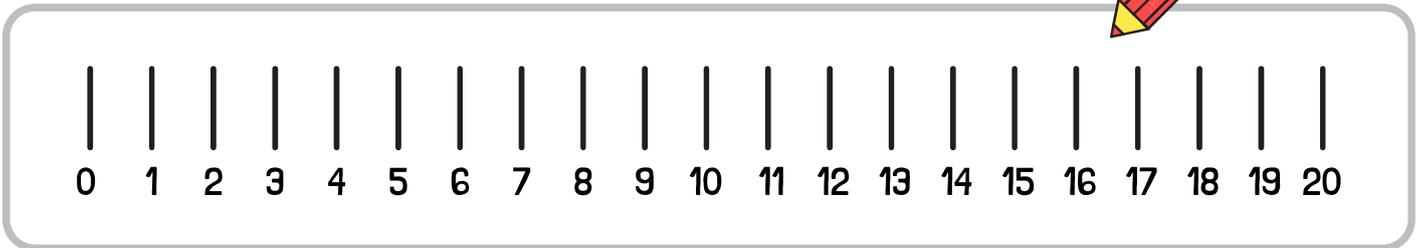
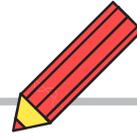
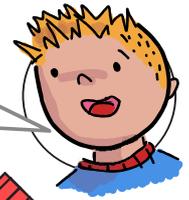
\_\_\_\_\_

**7. Given a number, identify one more and one less**

One less =	In this herd there are:	One more =
	<p><b>73</b> Triceratops</p> 	
	<p><b>59</b> Trex</p> 	
	<p><b>81</b> Diplodocus</p> 	

**8. Identify and represent numbers using objects and pictorial representations including the number line.**

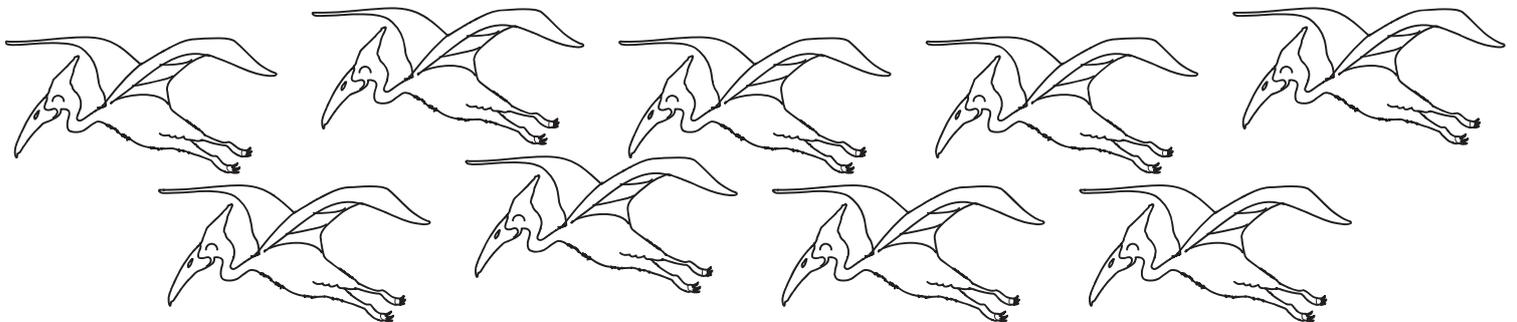
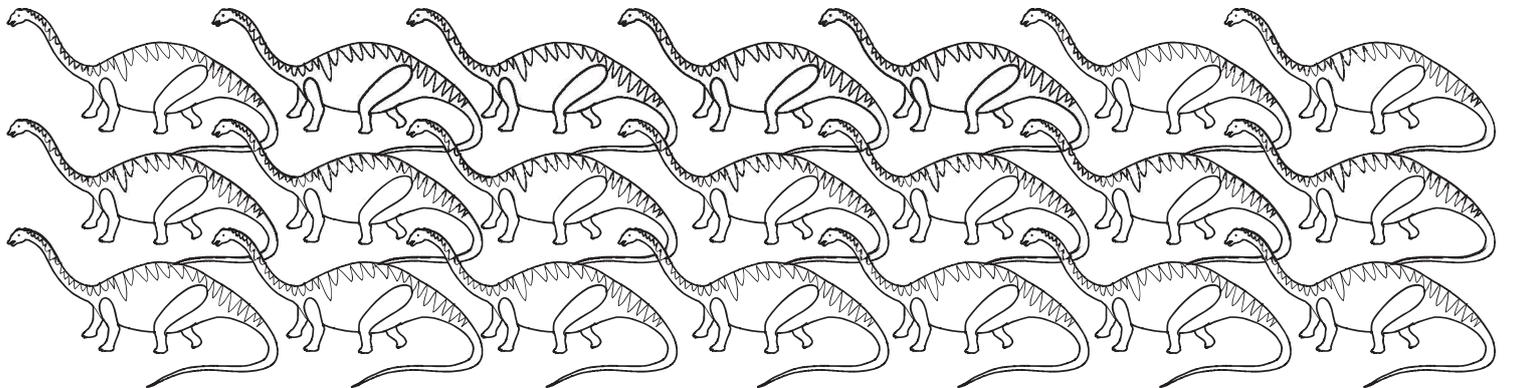
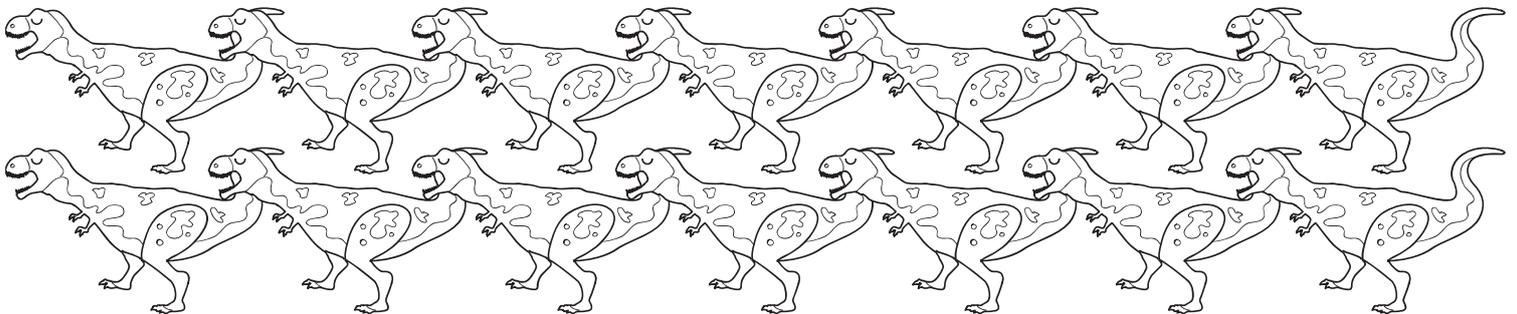
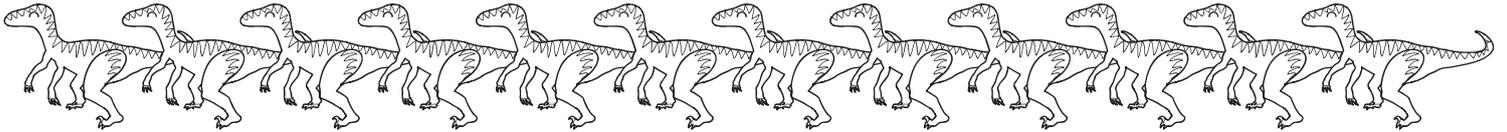
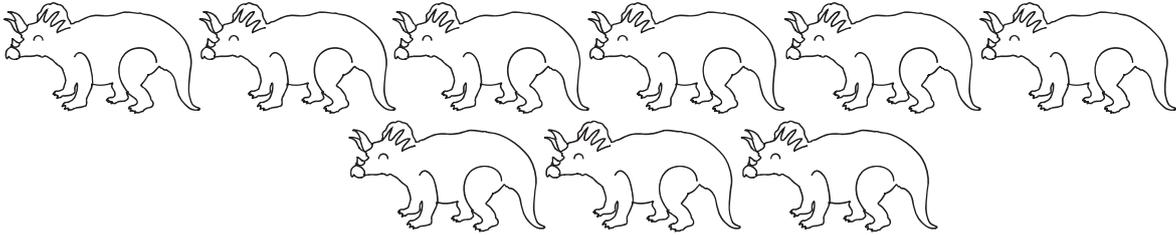
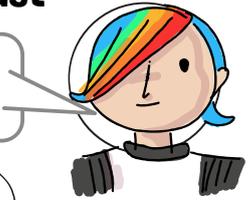
Can you match the image or number in the box to the correct number on the number line?



5			17
10			19
			11
7		0	

**9. Use the language of: equal to, more than, less than (fewer), most, least**

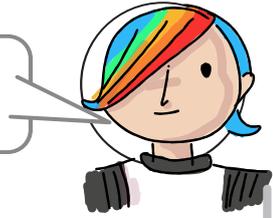
Colour in the dinosaurs, then circle the correct answers to make the correct dinosaur sentence!

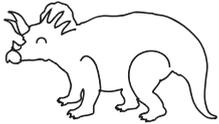
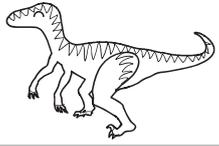
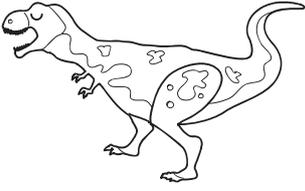
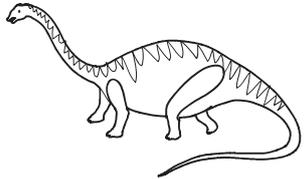
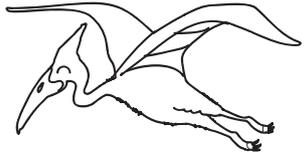


There are	more than	20 triceratops.
The	less than	of dinosaurs are the
The number of	largest amount	raptors.
triceratops is	smallest amount	the number of
	different to	pterodactyl.
	equal to	

**10. Write numbers from 1 to 20 in numerals and words**

Look at the previous page and count each type of dinosaur.  
Write both the number and the words that you've counted.



	Numbers (12)	Words (twelve)
 		
 		
 		
 		
 		



**Note for adults:** For each activity the linked ELG (Early Learning Goal) for end of Reception and the Year 1 NC (National Curriculum) are shown so you can see what children are working towards.

<b>Adding and subtracting</b>	
<b>ELG</b>	<ul style="list-style-type: none"> <li>Using quantities and objects, they add and subtract two single-digit numbers and count on or back to find the answer</li> </ul>
<b>Year 1 NC</b>	<ul style="list-style-type: none"> <li>Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs</li> <li>Represent and use number bonds and related subtraction facts within 20</li> <li>Add and subtract one-digit and two-digit numbers to 20, including zero</li> <li>Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as <math>7 = \square - 9</math>.</li> </ul>

11. Using quantities and objects, add and subtract two single-digit numbers and count on or back to find the answer.

Complete the dinosaur sums below!



$$\text{Triceratops} + \text{T-Rex} + \text{Triceratops} - 2 + \text{Diplodocus} = \dots\dots\dots$$

$$\text{Diplodocus} + \text{Diplodocus} + \text{Diplodocus} + 3 = \dots\dots\dots$$

$$\text{Triceratops} + 1 + \text{T-Rex} + 8 + \text{Triceratops} = \dots\dots\dots$$

$$\text{Triceratops} + 0 + \text{Diplodocus} + \text{Triceratops} = \dots\dots\dots$$

$$\text{Diplodocus} + \text{T-Rex} + \text{Diplodocus} + 5 + 6 = \dots\dots\dots$$

$$2 + 5 - 4 + \text{T-Rex} + \text{Diplodocus} = \dots\dots\dots$$

$$\text{Triceratops} + \text{Triceratops} + \text{Diplodocus} + \text{Diplodocus} + 8 = \dots\dots\dots$$

$$\text{Diplodocus} + 3 - 1 + 9 + \text{T-Rex} = \dots\dots\dots$$

12. Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs and add and subtract one-digit and two-digit numbers to 20, including zero.

Complete the dinosaur sums below!



$$\text{Triceratops} + 15 + \text{Dinosaur} = \dots\dots\dots$$

$$\text{Dinosaur} + \text{Dinosaur} + \text{Dinosaur} + 20 = \dots\dots\dots$$

$$\text{Triceratops} + 10 - \text{T-Rex} + 8 + \text{Triceratops} = \dots\dots\dots$$

$$\text{Triceratops} + 13 + \text{Dinosaur} + \text{Triceratops} = \dots\dots\dots$$

$$\text{Dinosaur} + \text{T-Rex} + \text{Dinosaur} + 5 + 6 = \dots\dots\dots$$

$$12 - 5 + 4 + \text{T-Rex} + \text{Dinosaur} = \dots\dots\dots$$

$$\text{Triceratops} + \text{Triceratops} + \text{Dinosaur} + \text{Dinosaur} + 8 = \dots\dots\dots$$

$$\text{Dinosaur} + 10 - 1 + 9 + \text{T-Rex} = \dots\dots\dots$$

**13. Represent and use number bonds and related subtraction facts within 20.**

There are 20 triceratops in a herd, they are organising themselves into two groups. How many different addition number sentences can you think of so the answer equals 20?

$$10 + 10 = 20$$

---


$$+ = 20$$

---


$$+ = 20$$

---


$$+ = 20$$

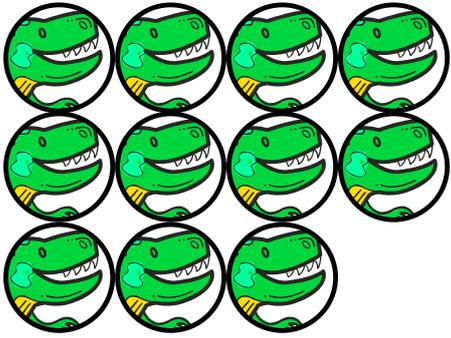
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$$+ = 20$$

---


$$+ = 20$$

How many different subtraction number sentences can you think of where the answer is 10?

 $-$  $=$  10

-

=

10

-

=

10

-

=

10

-

=

10

-

=

10

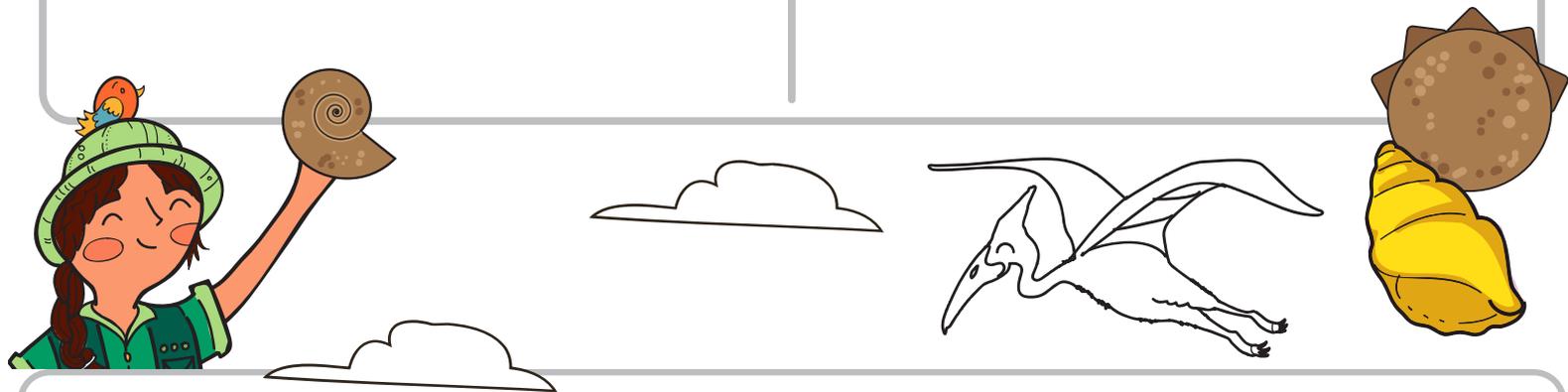
**14. Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as  $7 = - 9$ .**

**Read the puzzles and answer them below!**

**A palaeontologist finds 14 fossils on the beach, she loses 7. How many does she have left?**

**my calculation:**

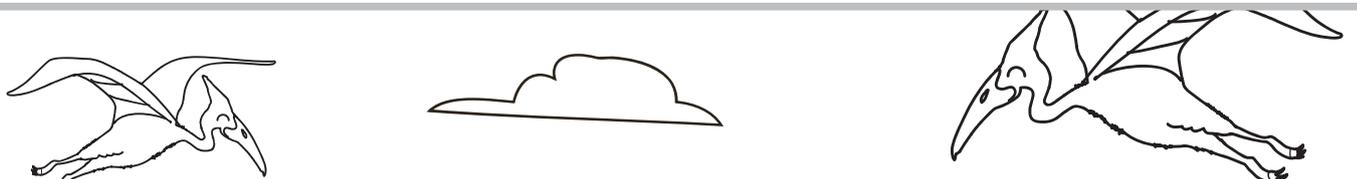
**my answer:**



**12 dinosaurs are flying together, 7 fly into a cloud. How many can we see now?**

**my calculation:**

**my answer:**



**20 dinosaurs are running, 8 fall into a swamp. How many are left?**

**my calculation:**

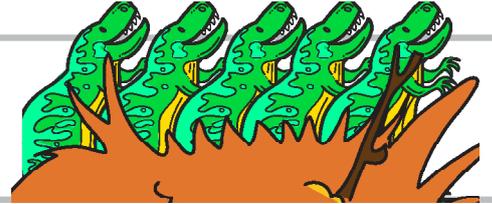
**my answer:**

**9 dinosaurs go to drink some water, 3 more come, how many altogether?**

**my calculation:**

**my answer:**

**12 dinosaur babies hatch from their eggs, then 5 more hatch. How many dinosaur babies are there now?**



**my calculation:**

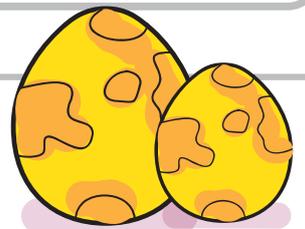
**my answer:**

**There are 12 dinosaurs eating from a tree. There are 5 eating from the lower branches. How many are eating from the higher branches?**

**my calculation:**

**my answer:**

**14 dinosaur eggs have hatched. There are 5 dinosaurs still in the nest. How many have climbed out?**



**my calculation:**

**my answer:**

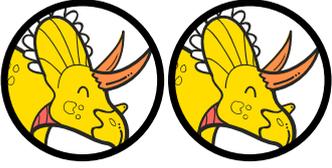


**Note for adults:** For each activity the linked ELG (Early Learning Goal) for end of Reception and the Year 1 NC (National Curriculum) are shown so you can see what children are working towards.

<b>Multiplication and division (doubling and sharing for EYFS)</b>	
<b>ELG</b>	<ul style="list-style-type: none"><li>• They solve problems, including doubling, halving and sharing.</li></ul>
<b>Year 1 NC</b>	<ul style="list-style-type: none"><li>• Recognise, find and name a half as one of two equal parts of an object, shape or quantity</li><li>• Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity.</li></ul>

15. Solve problems, including doubling, halving and sharing.

**2**



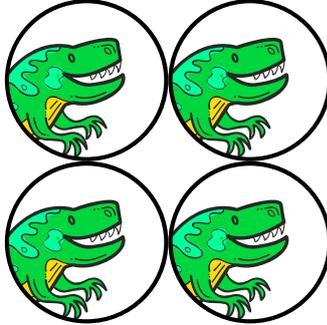
Double 2 is

= \_\_\_\_\_

Half 2 is

= \_\_\_\_\_

**4**



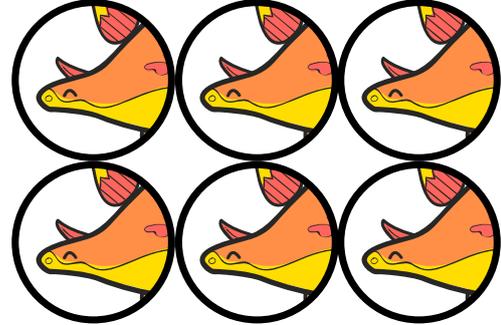
Double 4 is

= \_\_\_\_\_

Half 4 is

= \_\_\_\_\_

**6**



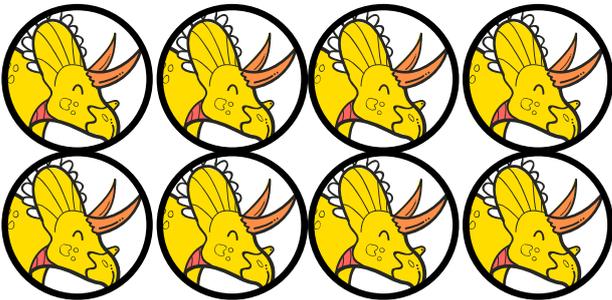
Double 6 is

= \_\_\_\_\_

Half 6 is

= \_\_\_\_\_

**8**



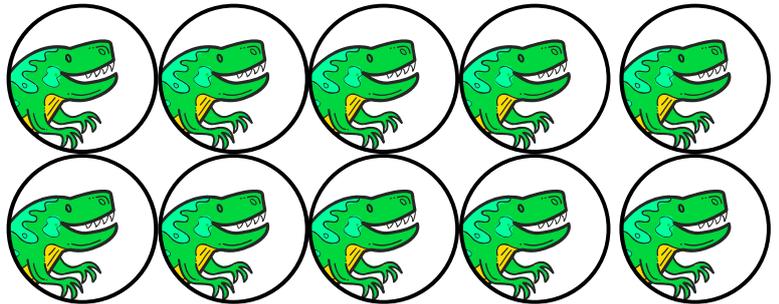
Double 8 is

= \_\_\_\_\_

Half 8 is

= \_\_\_\_\_

**10**



Double 10 is

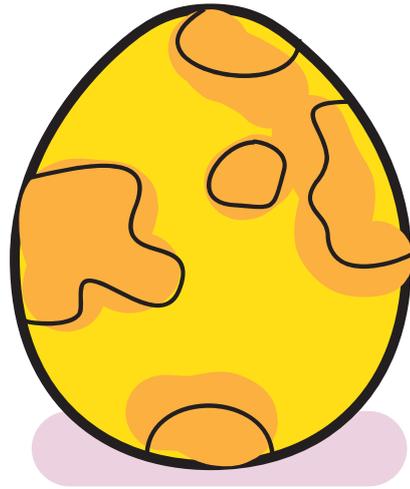
= \_\_\_\_\_

Half 10 is

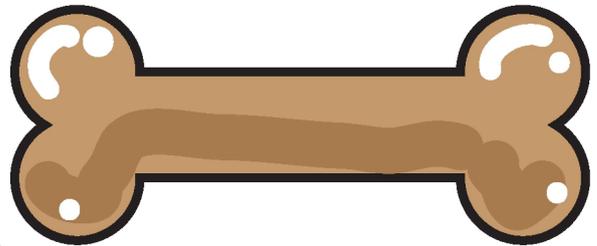
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**16. Recognise, find and name a half as one of two equal parts of an object, shape or quantity.**

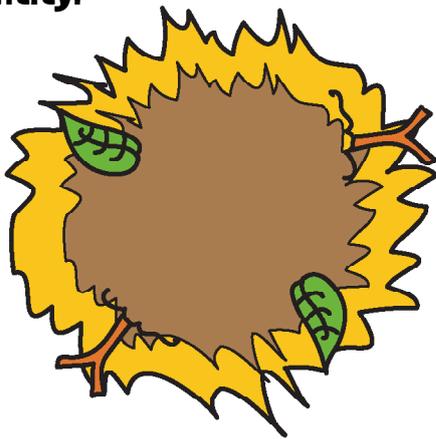
Can you draw a line to show where this dinosaur egg could be divided into two equal halves?



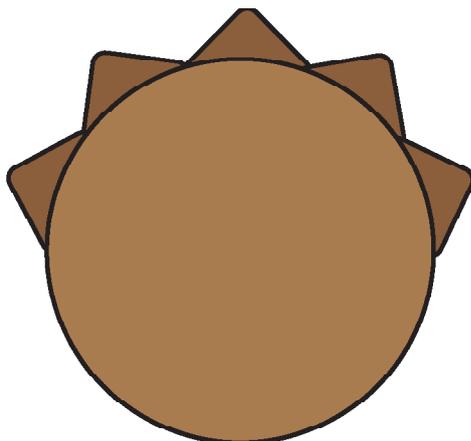
Can you draw a line to show where this dinosaur bone could be divided into two equal halves?



**17. Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity.**



Can you draw a line to show where this dinosaur nest could be divided into four equal quarters?



Can you draw a line to show where this dinosaur footprint could be divided into four equal quarters?