

**This week we have been learning about proportion and ratio and we have been solving problems related to this.**

To support our learning this week, we would like the children to complete the following ratio problems.

A ratio is a comparison of 2 or more quantities.

The ratio of triangles to circles below is 4 to 3 or 4:3. This means that there are 4 triangles to 3 circles. We can also say that the ratio of circles to triangles is 3 to 4 or 3:4.

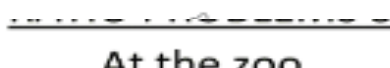


Look at the pictures of frogs and crickets below.



1) What is the ratio of frogs to crickets? \_\_\_ : \_\_\_

2) What is the ratio of crickets to frogs? \_\_\_ : \_\_\_



At the zoo

1) At the zoo, the ratio of elephants to hippos is 1:2. So for every elephant, there are 2 hippos.

a) If there were 3 elephants at the zoo, how many hippos would there be? \_\_\_\_

b) If there were 10 hippos, how many elephants? \_\_\_\_

2) At the zoo, the ratio of monkeys to gorillas is 5:1.

a) If there were 20 monkeys, how many gorillas would there be? \_\_\_\_

b) If there were 7 gorillas, how many monkeys? \_\_\_\_

3) At the zoo, the ratio of dolphins to penguins is 2:5. So for every 2 dolphins, there are 5 penguins.

a) If the zoo had 6 dolphins, how many penguins would there be? \_\_\_\_

b) If the zoo had 30 penguins, how many dolphins would it have? \_\_\_\_

c) If the zoo had 10 dolphins, how many penguins would it have? \_\_\_\_

4) The ratio of snakes to lizards in the zoo is 3:2.

a) If there were 10 lizards, how many snakes would there be? \_\_\_\_

b) If there were 9 snakes, how many lizards? \_\_\_\_

c) If the number of snakes in the zoo increased by 6. How many more lizards would the zoo need to get to keep the same ratio? \_\_\_\_

d) If the total number of snakes and lizards at the zoo was 20, how many snakes and how many lizards would there be? \_\_\_\_ snakes, \_\_\_\_ lizards.

Our rock star times tables focus for next week will continue to be the 8 times tables  
Due to many of you have asking if we can provide times tables practise for the  
children, this can now be found overleaf.

Please note this is in addition to the normal maths homework and should be completed  
at your discretion.

Parent feedback

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