



RATIO PROBLEMS 3 - 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.





RATIO PROBLEMS 3 - At the zoo ANSWERS

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? **6**

b) If there were 10 hippos, how many elephants? **5**

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? **4**

b) If there were 7 gorillas, how many monkeys? **35**

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? **15**

b) If the zoo had 30 penguins, how many dolphins would it have? **12**

c) If the zoo had 10 dolphins, how many penguins would it have? **25**

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? **15**

b) If there were 9 snakes, how many lizards? **6**

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? **4**

d) If the total number of snakes and lizards at the zoo was 20, how many snakes and how many lizards would there be? **12** snakes, **8** lizards.

