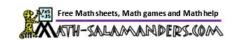
Name Date

## 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.





Name Date

## RATIO PROBLEMS 3 - At the zoo ANSWERS



MANA

- 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.

