

Ratio - Two Quantities

Sheet 3

- 1) Siberian tigers can weigh up to 800 lbs while African lions can weigh up to 550 lbs. Compare the ratio of the weight of a Siberian tiger to that of an African lion.

- 2) Typically, children have 20 milk teeth and adults have 32 permanent teeth. What is the ratio of permanent teeth to milk teeth?

- 3) An equilateral triangle has three equal sides and three equal angles. Find the ratio of the length of one side to the perimeter.

- 4) A specific quantity of salt is added to a solution. The same quantity of salt is added to another solution. Compare the two solutions to make a concentration ratio.

- 5) The continent of North America covers an area of 24 million square kilometers and South America has a total area of 18 million square kilometers. Compare the ratio of the geographical areas of North America to South America.

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Answer key**Ratio - Two Quantities**

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- 1) Siberian tigers can weigh up to 800 lbs while African lions can weigh up to 550 lbs. Compare the ratio of the weight of a Siberian tiger to that of an African lion.

800 : 550 or 16 : 11

- 2) Typically, children have 20 milk teeth and adults have 32 permanent teeth. What is the ratio of permanent teeth to milk teeth?

32 : 20

- 3) An equilateral triangle has three equal sides and three equal angles. Find the ratio of the length of one side to the perimeter of the triangle.

60 : 60

- 4) A specific quantity of salt is added to a solution. The same quantity of salt is added to another solution. Compare the amount of salt added to the total amount of salt in each solution. Make a concept map.

56 : 92

- 5) The continent of North America covers an area of 24 million square kilometers and South America has a total area of 18 million square kilometers. Compare the ratio of the geographical areas of North America to South America.

24 : 18 or 4 : 3

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