

Ratio - Mixed Word Problems

Sheet 3

- 1) Rhone earns an interest of \$30 per year for every \$500 deposited in his savings account. Calculate the interest earned if he has \$1250 in his account.

- 2) Find the ratio of the areas of two squares, if one square has a diagonal that is double the other.

- 3) The ratio of rock doves and cocka
doves and cocka
doves?

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nd aviary has rock
gher ratio of rock

- 4) The original leng
the length of the

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e ratio of 3 : 2. Find

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- 5) A bacterium when magnified 40,000 times under an electron microscope attains a length of 4 cm. Find the length of the bacterium, if it is magnified 20,000 times?

Ratio - Mixed Word Problems

Sheet 3

- 1) Rhone earns an interest of \$30 per year for every \$500 deposited in his savings account. Calculate the interest earned if he has \$1250 in his account.

Interest earned is \$75

- 2) Find the ratio of the areas of two squares, if one square has a diagonal that is double the other.

The ratio of

- 3) The ratio of rock doves and cockatiels in a aviary is 3 : 2. If the aviary has 60 rock doves, how many cockatiels does it have?

The second

- 4) The original length of a wire is 120 cm. It is cut into two pieces. The ratio of the lengths of the two pieces is 3 : 2. Find the length of the shorter piece.

The longer

- 5) A bacterium when magnified 40,000 times under an electron microscope attains a length of 4 cm. Find the length of the bacterium, if it is magnified 20,000 times?

2 cm under the microscope

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and aviary has rock doves and cockatiels in a higher ratio of rock doves?

e ratio of 3 : 2. Find the length of the shorter piece.