

Name : \_\_\_\_\_

## Solving Proportions

Sheet 3

- 1) A team of nine artists created wall murals in 18 classrooms at a constant rate. How many classrooms can a team of 15 artists paint?

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- 2) Joe spent \$35.40 to fill 15 gallons of gas in his minivan. How much does 6 gallons of gas cost?

\_\_\_\_\_

- 3) A pitcher of mango juice. How many cups of orange juice can be made with 12 cups of pineapple juice? If 2 cups of orange juice make a mocktail with 12 cups of pineapple juice, how many mocktails can be made with 12 cups of pineapple juice?

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- 4) Laura buys a pizza that has 1,536 calories. What is her calorie intake if she eats 1/4 of the pizza?

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- 5) Yvonne buys a bag of candy that weighs 87 oz. Find the weight of 5 candies if each candy weighs 1/5 of the bag.

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- 6) Ed spends 21 hours practicing drums over a fortnight. At that rate, how much time will he spend on practicing drums over a 7 week period?

\_\_\_\_\_

**Solving Proportions**

- 1) A team of nine artists created wall murals in 18 classrooms at a constant rate. How many classrooms can a team of 15 artists paint?

**30 classrooms**

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- 2) Joe spent \$35.40 to fill 15 gallons of gas in his minivan. How much does 6 gallons of gas cost?

- 3) A pitcher of mango juice. How many cups of pineapple juice can be made with 12 cups of pineapple juice?

**3**

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- 4) Laura buys a pizza that has 1,536 calories. What is her calorie intake if she eats 1/4 of the pizza?

- 5) Yvonne buys 5 cans of tomatoes. Each can weighs 14.5 oz. Find the total weight of 5 cans.

**72.5 oz of diced tomatoes**

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- 6) Ed spends 21 hours practicing drums over a fortnight. At that rate, how much time will he spend on practicing drums over a 7 week period?

**73.5 hours**

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How many cups of orange juice can be made with 12 cups of pineapple juice?

How many calories does she eat?

Find the total weight of 5 cans.