Name: _____

Power Standard 1: Add/subtract on number line	Power Standard 2: Compute unit rate
Your cousin's birthday is today, and he is 16 years old. How old was he $4\frac{1}{2}$ years ago? Write an equation, and use a number line to model your answer.	If a proportional relationship is given by a description such as a person walks 6 miles in 1 ½ hours at a constant speed, what would be the unit rate? Show your thinking.
Effort	Effort

Power Standard 1: Add/subtract on number line	Power Standard 2: Compute unit rate
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Answer	Answer

7th Grade

Name: _____

Power Standard 3: Write in other forms	Power Standard 4: Show proportion in equations
Rewrite the expression in standard form: $(20r - 8) \div 4$	If 5 pizzas cost $27, what will 15 pizzas cost? Explain your thinking.
Effort	Effort
Power Standard 3: Write in other forms	Power Standard 4: Show proportion in equations
Rewrite the expression in standard form: $(20r - 8) \div 4$	If 5 pizzas cost $27, what will 15 pizzas cost? Explain your thinking.
Answer	Answer

Power Standard 5: Multiply rational numbers	Power Standard 6: Solve real world equations
Multiply. Show your thinking. $(-2) \times 4$	A cell phone company has a basic monthly plan of $40 plus $0.45 for any minutes used over 700. Before receiving his statement, John saw he was charged a total of $48.10. Write and solve an equation to determine how many minutes he must have used during the month. Write an equation without decimals.
Effort	Effort

Power Standard 5: Multiply rational numbers	Power Standard 6: Solve real world equations
Multiply. Show your thinking. $(-2) \times 4$	A cell phone company has a basic monthly plan of $40 plus $0.45 for any minutes used over 700. Before receiving his statement, John saw he was charged a total of $48.10. Write and solve an equation to determine how many minutes he must have used during the month. Write an equation without decimals.
Answer	Answer

Power Standard 7: Use order of operations	Power Standard 8: Solve real world problems
Write the number $\frac{5}{9}$ as a decimal using long division. Tell if the answer is a terminating or repeating decimal, and explain how you know. Effort	Kathy works as a waitress at her family's restaurant. She works 2 hours every morning during the breakfast shift and returns to work each evening for the dinner shift. In the last 4 days, she worked 28 hours. If Heather works the same number of hours every evening, how many hours did she work during each dinner shift? Show your thinking. Effort
Power Standard 7: Use order of operations	Power Standard 8: Solve real world problems
Write the number $\frac{5}{9}$ as a decimal using long division. Tell if the answer is a terminating or repeating decimal, and explain how you know. Answer	Kathy works as a waitress at her family's restaurant. She works 2 hours every morning during the breakfast shift and returns to work each evening for the dinner shift. In the last 4 days, she worked 28 hours. If Heather works the same number of hours every evening, how many hours did she work during each dinner shift? Show your thinking. Answer