Name: _____

Power Standard 1: Add/subtract on number line	Power Standard 2: Compute unit rate
At the start of a trip, a car's gas tank contains 12 gallons of gasoline. During the trip, the car consumes $10\frac{1}{8}$ gallons of gasoline. How much gasoline is left in the tank? Write an equation, and use a number line to model your answer. Effort	If 3 ¾ pounds of ground beef cost $11.25, how much would 1 pound of ground beef cost? Show your thinking. Effort
Power Standard 1: Add/subtract on number line	**Power Standard 2: Compute unit rate**
At the start of a trip, a car's gas tank contains 12 gallons of gasoline. During the trip, the car consumes $10\frac{1}{8}$ gallons of gasoline. How much gasoline is left in the tank? Write an equation, and use a number line to model your answer. Answer	If 3 ¾ pounds of ground beef cost $11.25, how much would 1 pound of ground beef cost? Show your thinking. Answer

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Power Standard 3: Write in other forms	Power Standard 4: Show proportion in equations
Rewrite the expression as a product of two factors: $72t + 8$ Effort	8 pizzas cost $44 dollars. How much will 13 pizzas cost? Explain your thinking. Effort
Power Standard 3: Write in other forms	**Power Standard 4: Show proportion in equations**
Rewrite the expression as a product of two factors: $72t + 8$ Answer	8 pizzas cost $44 dollars. How much will 13 pizzas cost? Explain your thinking. Answer

Power Standard 5: Multiply rational numbers	Power Standard 6: Solve real world equations
Multiply. Show your thinking. $6 \times (-3)$ Effort	A number is $\frac{1}{7}$ of another number. The difference of the numbers is 18. (Assume that you are subtracting the smaller number from the larger number.) Find the numbers. Effort
Power Standard 5: Multiply rational numbers	**Power Standard 6: Solve real world equations**
Multiply. Show your thinking. $6 \times (-3)$ Answer	A number is $\frac{1}{7}$ of another number. The difference of the numbers is 18. (Assume that you are subtracting the smaller number from the larger number.) Find the numbers. Answer

Power Standard 7: Use order of operations	Power Standard 8: Solve real world problems
Write the number $\frac{1}{6}$ as a decimal using long division. Tell if the answer is a terminating or repeating decimal, and explain how you know. Effort	The family of 4 flew in an airplane to their vacation destination for a total of $1050. Each person had to have his own ticket for the plane and also pay **$25** in insurance fees per person. What was the cost of one ticket? Show your thinking. Effort
Power Standard 7: Use order of operations	**Power Standard 8: Solve real world problems**
Write the number $\frac{1}{6}$ as a decimal using long division. Tell if the answer is a terminating or repeating decimal, and explain how you know. Answer	The family of 4 flew in an airplane to their vacation destination for a total of $1050. Each person had to have his own ticket for the plane and also pay **$25** in insurance fees per person. What was the cost of one ticket? Show your thinking. Answer