





<p>Power Standard 1: Apply properties to expressions</p> <p>Represent the following expression as one rational number. Show and explain your steps.</p> $-24 - \left(-\frac{1}{2}\right) - 12.5$ <p style="text-align: center;">Effort</p>	<p>Power Standard 2: Identify ordered pair proportions</p> <p>The graph represents the total cost of renting car. The cost of renting a car is a fixed amount each day, regardless of how many miles the car is driven. What does the ordered pair (4, 250) represent?</p>  <p style="text-align: center;">Effort</p>
<p>Power Standard 1: Apply properties to expressions</p> <p>Represent the following expression as one rational number. Show and explain your steps.</p> $-24 - \left(-\frac{1}{2}\right) - 12.5$ <p style="text-align: center;">Answer</p>	<p>Power Standard 2: Identify ordered pair proportions</p> <p>The graph represents the total cost of renting car. The cost of renting a car is a fixed amount each day, regardless of how many miles the car is driven. What does the ordered pair (4, 250) represent?</p>  <p style="text-align: center;">Answer</p>

<p>Power Standard 3: Solve varied rational numbers</p>	<p>Power Standard 4: Solve multi-step problems</p>
<p>Mrs. Stahl invests \$8,000 in a savings plan. At the end of the year the savings account pays an annual interest rate of 5.25% on the amount she put in the account. How much will Mrs. Stahl earn if she leaves her money in the savings plan for 15 years? Solve and explain why your solution is reasonable.</p> <p style="text-align: center;">Effort</p>	<p>A pet store sells dog food for \$30. The store buys the dog food at a cost of \$15. What is the mark-up percentage? Explain your thinking.</p> <p style="text-align: center;">Effort</p>
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<p>Power Standard 5: Divide rational numbers</p>	<p>Power Standard 6: Solve real world inequalities</p>
<p>Divide. Show your thinking. $-81 \div -9$</p> <p style="text-align: center;">Effort</p>	<p>On a cruise ship, there are two options for an Internet connection. The first option is a fee of \$5 plus an additional \$0.25 per minute. The second option costs \$50 for an unlimited number of minutes. For how many minutes, m, is the first option cheaper than the second option? Graph the solution.</p> <p style="text-align: center;">Effort</p>
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<p>Power Standard 7: Add and subtract</p>	<p>Power Standard 8: Identify a constant</p>
<p>Draw arrows on the number line to represent and solve the following problem: $4 + (-3) + (-9)$</p>  <p style="text-align: center;">Effort</p>	<p>In 50 minutes, Rand can run 20 laps around the track. Determine the number of laps he can run per minute.</p> <p style="text-align: center;">Effort</p>
<p>Power Standard 7: Add and subtract</p>	<p>Power Standard 8: Identify a constant</p>
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