

<p>Power Standard 1: Apply properties to expressions</p>	<p>Power Standard 2: Identify ordered pair proportions</p>
<p>Represent the following expression as one rational number. Show and explain your steps.</p> $3\frac{1}{6} + 20.3 + 5\frac{5}{6}$ <p style="text-align: center;">Effort</p>	<p>Each pair of Nike basketball shoes sells for \$75. List 2 ordered pairs that would show a proportional relationship to this price. If you would to graph these three points, what would you notice?</p> <p style="text-align: center;">Effort</p>
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Power Standard 3: Solve varied rational numbers	Power Standard 4: Solve multi-step problems
<p>Your family plans to start a small business in your neighborhood. Your father borrows \$10,000 from the bank at an annual interest rate of 8% rate for 3 years. What is the amount of interest he will pay on this loan? Solve and explain why your solution is reasonable.</p> <p style="text-align: center;">Effort</p>	<p>A department store is having a 75% off sale on sweaters. You want to buy as many sweaters as you can for Christmas presents. If the sweaters are regularly \$37, how many can you buy with \$100 during the sale? Explain your thinking.</p> <p style="text-align: center;">Effort</p>
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Power Standard 5: Divide rational numbers	Power Standard 6: Solve real world inequalities
Claire spent \$160.00 over 10 days. Considering that Claire withdrew the same amount daily, what is the change in her bank account balance each day?	Samuel needs \$29 to download some songs and movies on his MP3 player. His mother agrees to pay him \$6 an hour for raking leaves in addition to his \$5 weekly allowance. What is the minimum number of hours Samuel must work in one week to have enough money to purchase the songs and movies? Write and solve an inequality to find the solution, and graph the solution on a number line.
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