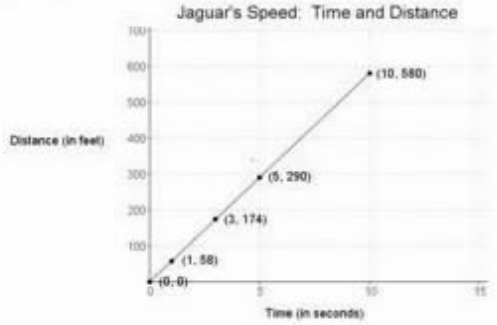
Power Standard 1: Apply properties to expressions	Power Standard 2: Identify ordered pair proportions
Represent the following expression as one rational number. Show and explain your steps. $\frac{16}{20} - (-1.8) - \frac{4}{5}$ Effort	The graph to the right shows the relationship of the amount of time (in seconds) to the distance (in feet) run by a jaguar. What does the point $(5, 290)$ represent in the context of the situation?  Effort
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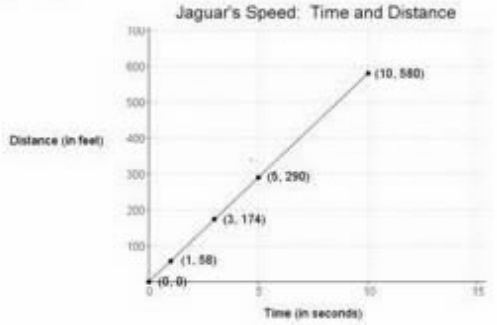
Represent the following expression as one rational number. Show and explain your steps. $\frac{16}{20} - (-1.8) - \frac{4}{5}$ Answer	The graph to the right shows the relationship of the amount of time (in seconds) to the distance (in feet) run by a jaguar. What does the point $(5, 290)$ represent in the context of the situation?  Answer

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Power Standard 3: Solve varied rational numbers	Power Standard 4: Solve multi-step problems
Mr. Rodriguez invests $2,000 in a savings plan. The savings account pays an annual interest rate of 5.75% on the amount he put in at the end of each year. How much will Mr. Rodriguez earn if he leaves his money in the savings plan for 10 years? Solve and explain why your solution is reasonable. Effort	Vests are on sale for 25% off. The sale price is $18.75. What was the original price of the vests? Explain your thinking. Effort
Power Standard 3: Solve varied rational numbers	**Power Standard 4: Solve multi-step problems**
Mr. Rodriguez invests $2,000 in a savings plan. The savings account pays an annual interest rate of 5.75% on the amount he put in at the end of each year. How much will Mr. Rodriguez earn if he leaves his money in the savings plan for 10 years? Solve and explain why your solution is reasonable. Answer	Vests are on sale for 25% off. The sale price is $18.75. What was the original price of the vests? Explain your thinking. Answer

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Power Standard 5: Divide rational numbers	Power Standard 6: Solve real world inequalities
Divide. Show your thinking. $-120 \div -10$ Effort	Ben has agreed to play fewer video games and spend more time studying. He has agreed to play less than 10 hours of video games each week. On Monday through Thursday, he plays video games for a total of $5\frac{1}{2}$ hours. For the remaining 3 days, he plays video games for the same amount of time each day. Find t, the amount of time he plays video games, for each of the 3 days. Graph your solution. Effort
Power Standard 5: Divide rational numbers	Power Standard 6: Solve real world inequalities
Divide. Show your thinking. $-120 \div -10$ Answer	Ben has agreed to play fewer video games and spend more time studying. He has agreed to play less than 10 hours of video games each week. On Monday through Thursday, he plays video games for a total of $5\frac{1}{2}$ hours. For the remaining 3 days, he plays video games for the same amount of time each day. Find t, the amount of time he plays video games, for each of the 3 days. Graph your solution. Answer

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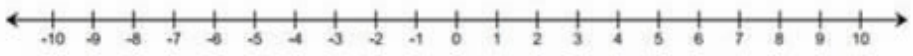
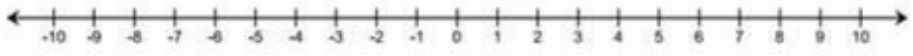
Power Standard 7: Add and subtract	Power Standard 8: Identify a constant
Draw arrows on the number line to represent and solve the following problem: $-6 + (-3) + 14$  Effort	In 35 minutes, Sue can run 10 laps around the track. Determine the number of laps she can run per minute. Effort
Power Standard 7: Add and subtract	Power Standard 8: Identify a constant
Draw arrows on the number line to represent and solve the following problem: $-6 + (-3) + 14$  Answer	In 35 minutes, Sue can run 10 laps around the track. Determine the number of laps she can run per minute. Answer

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