

# Round Decimals

**CA Standards**  
 NS 2.2, MR 2.5

Use the information from the signs to solve each problem.

<b>Unleaded Regular</b>  <b>\$1.89</b>  <b>a gallon</b>	<b>Unleaded Premium</b>  <b>\$1.94</b>  <b>a gallon</b>	<b>Diesel</b>  <b>\$2.10</b>  <b>a gallon</b>
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- Tara's brother plans to pump 10 gallons of gas into the family car. He chooses unleaded regular gas. To the nearest dollar, about how much will the gas cost him?

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- Tara's dad drives a sixteen-wheeler. It uses diesel as fuel. It has 2 fuel tanks. Each tank holds 75 gallons of diesel. Suppose both tanks are empty. If he buys enough diesel to fill both tanks, about how many dollars will the diesel cost?

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- Some vehicles are powered by gas. Others are powered by diesel. To the nearest tenth, how much less does the cheaper fuel cost?

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- Micah's mother has 3 \$10 bills. She wants to know about how many gallons of unleaded premium gas she can buy. Tell her a quick way to find the answer.

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- Micah wants to know about how much less 26 gallons of unleaded regular costs than 26 gallons of unleaded premium. She has rounded the prices of the two grades of gasoline to the nearest tenth. Will this estimate give her the information she needs? Why or why not? \_\_\_\_\_

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- Micah knows that their flower shop's delivery van uses 50 gallons of diesel a week. She estimates to the nearest dollar that they spend \$600.00 on diesel each month. What has she done wrong? Write a mathematical sentence that will give her a better estimate.

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