



# Decimals

## Round Decimals

<p>2a. Round the number to complete the empty boxes.</p> <p>3.762</p> <p>3.7 </p> <p>3.762    nearest integer <input type="text"/></p> <p>3.762    nearest tenth <input type="text"/></p> <p>3.762    nearest hundredth <input type="text"/> VF</p>	<p>2b. Round the number to complete the empty boxes.</p> <p>1.349</p> <p>1.3 </p> <p>1.349    nearest integer <input type="text"/></p> <p>1.349    nearest tenth <input type="text"/></p> <p>1.349    nearest hundredth <input type="text"/> VF</p>																								
<p>3a. Round each number.</p> <p>5.218</p> <table border="1"><tr><td>Nearest integer</td><td><input type="text"/></td></tr><tr><td>Nearest tenth</td><td><input type="text"/></td></tr><tr><td>Nearest hundredth</td><td><input type="text"/></td></tr></table> <p>12.843</p> <table border="1"><tr><td>Nearest integer</td><td><input type="text"/></td></tr><tr><td>Nearest tenth</td><td><input type="text"/></td></tr><tr><td>Nearest hundredth</td><td><input type="text"/> VF</td></tr></table>	Nearest integer	<input type="text"/>	Nearest tenth	<input type="text"/>	Nearest hundredth	<input type="text"/>	Nearest integer	<input type="text"/>	Nearest tenth	<input type="text"/>	Nearest hundredth	<input type="text"/> VF	<p>3b. Round each number.</p> <p>7.637</p> <table border="1"><tr><td>Nearest integer</td><td><input type="text"/></td></tr><tr><td>Nearest tenth</td><td><input type="text"/></td></tr><tr><td>Nearest hundredth</td><td><input type="text"/></td></tr></table> <p>18.062</p> <table border="1"><tr><td>Nearest integer</td><td><input type="text"/></td></tr><tr><td>Nearest tenth</td><td><input type="text"/></td></tr><tr><td>Nearest hundredth</td><td><input type="text"/> VF</td></tr></table>	Nearest integer	<input type="text"/>	Nearest tenth	<input type="text"/>	Nearest hundredth	<input type="text"/>	Nearest integer	<input type="text"/>	Nearest tenth	<input type="text"/>	Nearest hundredth	<input type="text"/> VF
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<p>1a. Marco says,</p> <p></p> <p>4.823 rounded to the nearest hundredth is 4.81 because the 3 in the hundredths place tells me we need to round down.</p> <p>Explain and correct his mistake.</p>	<p>1b. Liv says,</p> <p></p> <p>9.672 rounded to the nearest hundredth is 9.68 because the 7 in the hundredths place tells us to round to the next hundredth.</p> <p>Explain and correct her mistake.</p>
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1. Write the decimal marked by each letter. Round each of the numbers to the nearest integer and the nearest tenth.



A =	B =	C =	D =
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Nearest integer

Nearest integer

Nearest integer

Nearest integer

Nearest tenth

Nearest tenth

Nearest tenth

Nearest tenth

VF

3. Three children are rounding decimals. Who is correct and who is incorrect? Explain your answers.



Helena

7.248 is closer to 7.3 than 7.2 because there are 8 thousandths and 8 is greater than 5.



Sanjeev

7.248 rounded to the nearest integer is 7 because 7.2 is closer to 7 than 8.



Zuzanna

When rounding, you use the column to the left to help you. 7.248 will round to 7.24 because 2 tenths mean you round down.

RPS