

Percentages



Order Fractions, decimals and percentages

<p>9a. Gabi wants to compare her profit figures for the last 4 weeks.</p> <table><thead><tr><th>Week 1</th><th>Week 2</th><th>Week 3</th><th>Week 4</th></tr></thead><tbody><tr><td>0.35</td><td>0.65</td><td>65.2%</td><td>$\frac{2}{5}$</td></tr></tbody></table> <p>Put her profits in descending order.</p> <p> VF</p>	Week 1	Week 2	Week 3	Week 4	0.35	0.65	65.2%	$\frac{2}{5}$	<p>9b. Vince wants to compare his sales figures for the last 4 weeks.</p> <table><thead><tr><th>Week 1</th><th>Week 2</th><th>Week 3</th><th>Week 4</th></tr></thead><tbody><tr><td>99.5%</td><td>$\frac{4}{12}$</td><td>0.09</td><td>0.275</td></tr></tbody></table> <p>Put his sales figures in ascending order.</p> <p> VF</p>	Week 1	Week 2	Week 3	Week 4	99.5%	$\frac{4}{12}$	0.09	0.275				
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<p>10a. Complete the comparison statements below using the $<$, $>$ or $=$ symbol.</p> <p>A. 0.45 <input type="text"/> $\frac{5}{8}$</p> <p>B. 0.399 <input type="text"/> 39.8%</p> <p> VF</p>	<p>10b. Complete the comparison statements below using the $<$, $>$ or $=$ symbol.</p> <p>A. 47.8% <input type="text"/> 0.409</p> <p>B. 60.1% <input type="text"/> $\frac{9}{15}$</p> <p> VF</p>																				
<p>11a. Which percentage is needed to complete the sequence below?</p> <table><tbody><tr><td>$\frac{12}{30}$</td><td>0.48</td><td><input type="text"/></td><td>0.85</td></tr></tbody></table> <table><tbody><tr><td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td></tr><tr><td>89%</td><td>70.5%</td><td>25.4%</td></tr></tbody></table> <p> VF</p>	$\frac{12}{30}$	0.48	<input type="text"/>	0.85	<input type="text"/>	<input type="text"/>	<input type="text"/>	89%	70.5%	25.4%	<p>11b. Which percentage is needed to complete the sequence below?</p> <table><tbody><tr><td>$\frac{7}{8}$</td><td>0.707</td><td><input type="text"/></td><td>0.59</td></tr></tbody></table> <table><tbody><tr><td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td></tr><tr><td>45.6%</td><td>85.9%</td><td>65.2%</td></tr></tbody></table> <p> VF</p>	$\frac{7}{8}$	0.707	<input type="text"/>	0.59	<input type="text"/>	<input type="text"/>	<input type="text"/>	45.6%	85.9%	65.2%
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6a. Maaria says,



If I eat 37.5% of the pizza and Paul eats three eighths, I will have eaten the most.

Is she correct? Explain your answer.

6b. Isaac says,



If I borrow 57% of the pencils and Julie borrows nine fifteenths, I will have the most.

Is he correct? Explain your answer.

9a. Suzanne says,



If I use 30 sheets of paper in a pack of 80, and Jim uses 37.5%, Jim will use more because his percentage is greater than the number of sheets that I will use.

What mistake has been made?
Explain your answer.

9b. Gail says,



If I eat 20 sweets in a pack of 80, and Tate eats 0.125 of the pack, this must mean that he will eat less than me, because 0.125 is equal to 12.5 sweets.

What mistake has been made?
Explain your answer.

1 = smallest, 5 = biggest