

Warm up

back of p 11

Which number has the least value?

$$\begin{array}{ccc}
 \overset{.103}{7.03} \times 10^{-1} & \frac{3}{4} \overset{0.75}{} & \overset{.075}{7.5\%} \text{ } 0.7
 \end{array}$$

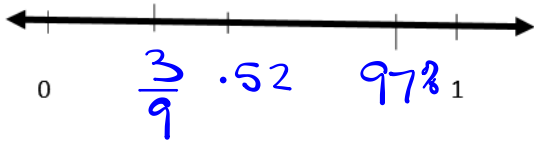
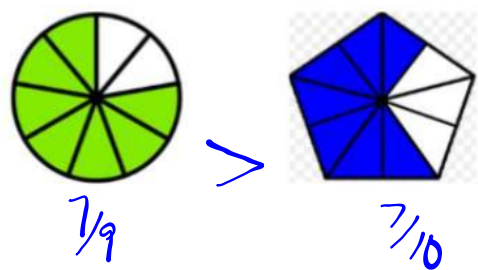
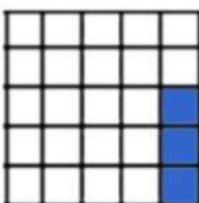
Rewrite the following numbers in
decending order.

$$\begin{array}{ccc}
 .105 & 1.0 & 1.1 \\
 10.5\% & 1.0 & 1\frac{1}{10}
 \end{array}$$

$$1\frac{1}{10} \quad 1.0 \quad 10.5\%$$

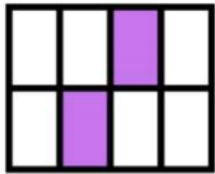
Advanced Math Unit 2 Review

<p>1. Rewrite the values in ascending order.</p> <p>0.27, $\frac{4}{11}$, 2.7×10^{-2}, 25%</p> <p>2.7×10^{-2} 25% 0.27 $\frac{4}{11}$</p>	<p>2. Circle the number with the least value.</p> <p>6.03×10^{-1}, $\frac{2}{3}$, 6.5%, 0.6</p>
<p>3. Write the decimal equivalent of 12.9%.</p> <p>0.129</p>	<p>4. Write true or false next to each statement.</p> <p>$0.3\% > 0.1$ <u>F</u></p> <p>$1 = 100\%$ <u>T</u></p> <p>$2\frac{7}{12} < 12.9\%$ <u>F</u></p> <p>$\frac{19}{5} < 3.792$ <u>F</u></p>
<p>5. Circle all of the following values that are equivalent to 13.5%. 0.135</p> <p>13.5 <u>0.135</u> <u>$\frac{135}{1000}$</u> $\frac{135}{100}$ 1,350 1.35</p>	<p>6. Rewrite the following numbers in descending order.</p> <p>12.5%, 1.5, $1\frac{1}{8}$</p> <p>1.5 $1\frac{1}{8}$ 12.5%</p>
<p>7. Rewrite the following numbers in ascending order.</p> <p>$1\frac{1}{3}$, 130%, 0.33</p> <p>0.33 130% $1\frac{1}{3}$</p>	<p>8. Rewrite the following numbers from greatest to least.</p> <p>41.5%, $\frac{2}{5}$, 1.405</p> <p>1.405 41.5% $\frac{2}{5}$</p>
<p>9. $\frac{3}{4} \times 2\frac{1}{2}$</p> <p>$\frac{3}{4} \times \frac{5}{2} = \frac{15}{8}$</p>	<p>10. $2\frac{1}{2} \div 1\frac{1}{3}$</p> <p>$\frac{5}{2} \times \frac{3}{4} = 1\frac{7}{8}$</p>

<p>11. Circle the number with the least value.</p> <p>6.5%, $\frac{23}{1000}$, $\frac{2}{9}$, <u>0.004</u></p>	<p>12. Write the decimal and percent equivalent for $\frac{2}{5}$.</p> <p>0.4 40%</p>
<p>13. Write the following numbers under the number line where they belong.</p> <p>0.52, 97%, $\frac{3}{9}$</p> 	<p>14. Using >, <, or =, fill in the blank to make the statement true.</p>  <p>$\frac{7}{9} > \frac{7}{10}$</p> <p>_____</p>
<p>15. Write the correct fraction, decimal and percent of the shaded region below.</p>  <p>F: $\frac{3}{25}$</p> <p>D: 0.12</p> <p>P: 12%</p>	<p>16. Michael ran $\frac{4}{5}$ of a mile on Monday. On Tuesday he ran $2\frac{3}{4}$ miles. On Wednesday he ran $1\frac{1}{5}$ miles. How far did he run all together?</p> <p>$\frac{4}{5} + 2\frac{3}{4} + 1\frac{1}{5}$</p> <p>$4\frac{3}{4}$</p>

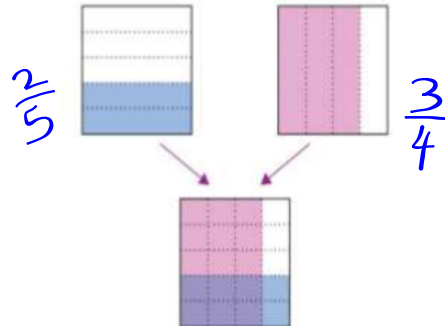
<p>17. Justin had $2\frac{1}{3}$ cups of sugar for the cookie recipe but the recipe only called for $1\frac{1}{2}$ cups of sugar. If he only made one batch of cookies how much sugar did he have left over?</p> $2\frac{1}{3} - 1\frac{1}{2}$ $\frac{5}{6}$	<p>18. Jenny had a roll of ribbon that was $12\frac{1}{2}$ feet long. She wanted to make bows that each took $\frac{3}{4}$ of a foot of ribbon. Exactly how many total bows could she make with the ribbon?</p> \div 16
<p>19. A brownie recipe calls for $1\frac{1}{3}$ cups of sugar. If Randy wants to make four batches of brownies for the school festival, what is the total amount of sugar he needs to make the brownies?</p> \times $5\frac{1}{3}$	<p>20. A pepperoni pizza cost \$8.25 and a cheese pizza cost \$7.50. If James purchases <u>nine</u> cheese pizzas and <u>seven</u> pepperoni pizzas for a birthday party how much will he pay?</p> 57.75 67.50 125.25
<p>21. Kelly wants to purchase 2 pounds of ham and a pack of cheese slices from Food lion.</p> <ul style="list-style-type: none"> - A pound of ham at Food Lion is \$7.99 - A pack of cheese slices at Food Lion is \$5.35 <p>The food tax on the purchase is \$1.28. How much change will she receive from \$40.00?</p> 17.39	<p>22. Jessica has \$21.00 and wants to purchase candy bars at the concession stand for \$1.25 each. What is the maximum number of candy bars she can purchase?</p> 16

23. What is the decimal equivalent that represents the unshaded area of the model?



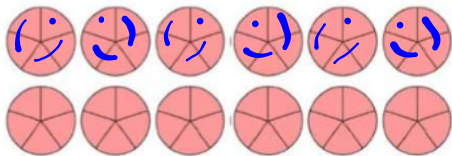
0.75

24. Write a multiplication problem that represents the model.



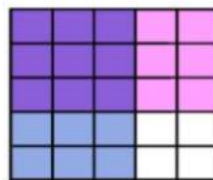
$$\frac{2}{5} \times \frac{3}{4} = \frac{6}{20}$$

25. How many $\frac{2}{5}$ s are in 12?



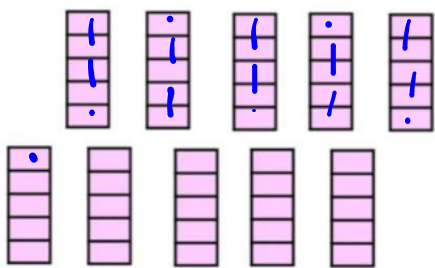
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26. What solution does this model represent?



$\frac{9}{25}$

27. How many $\frac{2}{5}$ s are in 10?



25

IXL Review for Test

~Pick AT LEAST 3 topics

~Complete exercises and get a smart score
of AT LEAST 85

6th Grade

E.1 Scientific Notation

J.6 +- Fractions

K.11 Multiply Fractions

L.7 Divide Fractions

P.2 Order Fraction, Decimal, Percent