

Name _____

School _____



**KENOSHA UNIFIED SCHOOL DISTRICT NO. 1
CURRICULUM AND INSTRUCTIONAL SERVICES
GRADE 6 (CHAPTERS 5 AND 7)
COMMON ASSESSMENT REVIEW**

<p>1) A bowl contains the following items:</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="padding: 5px;">TYPE OF CANDY</th> <th style="padding: 5px;">NUMBER IN BOWL</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">Hershey bars</td> <td style="padding: 5px;">12</td> </tr> <tr> <td style="padding: 5px;">Snicker bars</td> <td style="padding: 5px;">17</td> </tr> <tr> <td style="padding: 5px;">M & M packs</td> <td style="padding: 5px;">11</td> </tr> <tr> <td style="padding: 5px;">Caramels</td> <td style="padding: 5px;">26</td> </tr> </tbody> </table> <p style="margin-left: 20px;">What is the ratio of caramels to Snicker bars?</p> <p style="margin-left: 20px;">_____</p> <p style="text-align: right; margin-right: 10px;">B-20.6</p>	TYPE OF CANDY	NUMBER IN BOWL	Hershey bars	12	Snicker bars	17	M & M packs	11	Caramels	26	<p>2) Write three equivalent ratios that compare four cartoons to twelve comedies.</p> <p>A. _____</p> <p>B. _____</p> <p>C. _____</p> <p style="text-align: right; margin-right: 10px;">B-20.6, B-16.6</p>
TYPE OF CANDY	NUMBER IN BOWL										
Hershey bars	12										
Snicker bars	17										
M & M packs	11										
Caramels	26										
<p>3) A tree casts a shadow of 7 feet while a 6-foot man casts a shadow of 2 feet. Set up a proportion and solve to determine the height of the tree.</p> <p style="text-align: right; margin-right: 10px;">C-5.6</p>	<p>4) Greg uses a scale of 1 centimeter to kilometers to draw a map. On the map the distance between Greg’s house and the park is 3 cm. How far apart are Greg’s house and the park?</p> <p style="text-align: right; margin-right: 10px;">B-20.6</p>										
<p>Find the LCM of the following:</p> <p>5) 6, 8, and 16</p> <p style="margin-left: 40px;">_____</p> <p>6) 3, 9, and 27</p> <p style="margin-left: 40px;">_____</p> <p style="text-align: right; margin-right: 10px;">B-9.6</p>	<p>7) Find the missing value in the proportion:</p> $\frac{x}{32} = \frac{1}{4}$ <p style="text-align: right; margin-right: 10px;">B-20.6</p>										

8) A recipe calls for 3 cups of sugar and 15 cups of water. If the recipe is reduced, how many cups of water should be used with 1 cup of sugar?

B-20.6

9) Complete the chart below. Reduce fractions.

<i>Fraction</i>	<i>Decimal</i>	<i>Percent</i>
$\frac{27}{100}$		
	0.3	
		26%

B-17.6

10) Kyle has $5\frac{2}{3}$ feet of rope to tie down the things he is hauling in his truck. He finds an 8-foot long rope in his garage. How much extra rope does he have?

B-28.6

The graduation rate for Tremper High School was 90 percent.

11) Write this percentage as a decimal.

12) Write this percentage as a fraction in simplest form.

B-17.6

Tony's dinner bill is \$10.60. He wants to leave a 15 percent tip.

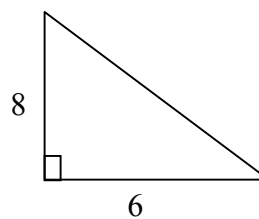
13) How much is the tip?

14) What will be the total cost of dinner—including the tip?

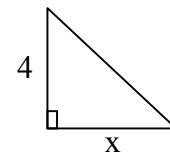
A-2.6, B-19.6

15) The two triangles below are similar figures. Find the missing length x in B.

Triangle A



Triangle B



C-5.6

<p>Find the difference. (Write your answer in simplest form.)</p> <p>16) $\frac{5}{6} - \frac{7}{12} =$</p> <p>_____</p> <p>17) $8\frac{3}{5} - 3\frac{1}{2} =$</p> <p>_____</p> <p style="text-align: right;">B-28.6</p>	<p>Find the sum. (Write your answer in simplest form.)</p> <p>18) $\frac{2}{5} + \frac{1}{10} =$</p> <p>_____</p> <p>19) $3\frac{1}{4} + 2\frac{1}{3} =$</p> <p>_____</p> <p style="text-align: right;">B-27.6</p>
<p>20) Evaluate the expression. SHOW ALL STEPS.</p> <p>$4^2 \bullet (5 - 3) \div 8 - 3$</p> <p style="text-align: right;">F-16.6</p>	<p>21) Solve for x and check your solution.</p> <p>$15x = 45$</p> <p style="text-align: right;">F-13.6</p>