

Name: _____

Date: _____

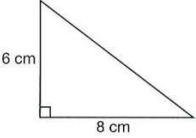
Grade: _____

Math Computation Entering 7th Grade

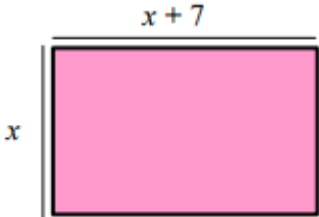
Directions: Complete as many problems as you can. Show your work on loose-leaf.

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| 1) $\begin{array}{r} 486 \\ \times 65 \\ \hline \end{array}$ | 2) $3822 \div 21 =$ | 3) Solve. $5 + (7 - 2) \times 6 =$ | |
| 4) Solve $57.521 \times 100 =$ $437.4 \div 10 =$ | 5) Write the following number in standard form on the line. one thousand six hundred two and four hundredths _____ | 6) Compare using $<$, $>$, $=$. a. $14.28 \square 1.448$ b. $22.766 \square 2.276$ c. $6.140 \square 6.41$ | |
| 7) $5.9 + 0.31 =$ | 8) $5 - 2.47 =$ | 9) $2.4 \times 1.6 =$ | 10) $\begin{array}{r} 3 \overline{)9.15} \\ \hline \end{array}$ |
| 11) a. $\frac{2}{3} + \frac{5}{4} =$ b. $4\frac{2}{6} + 1\frac{2}{4} =$ | 12) a. $\frac{5}{8} - \frac{2}{5} =$ b. $3\frac{5}{7} - \frac{7}{2} =$ | 13) a. $\frac{8}{9} \times \frac{2}{3} =$ b. $\frac{3}{5} \times 3 =$ | 14) a. $\frac{1}{5} \div 3 =$ b. $4 \div \frac{3}{7} =$ |

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| <p>15) Fill in the blank box to show the ratio.</p> $\frac{4}{8} = \frac{\quad}{10}$ | <p>16) Find the unit rate of 5 apples for \$45.</p> <p>\$_____ = 1 apple</p> | <p>17) Convert the fraction to a percent and a decimal.</p> $\frac{3}{4} = \text{_____}\%$ $\frac{3}{4} = \text{_____}$ | <p>18) What is 15% of \$80?</p> |
| <p>19) Solve:</p> $2.253 + 0.595 =$ | <p>20) Solve:</p> $2.375 - 0.804 =$ | <p>21) Solve:</p> $7.4 \times 0.24 =$ | <p>22) Solve:</p> $15.4 \div 0.22 =$ |
| <p>23)</p> $6\frac{1}{4} \times 2 =$ | <p>24)</p> $3\frac{2}{5} \div \frac{7}{10} =$ | <p>25) Compare using <, >, =.</p> <p>a. -4 <input type="checkbox"/> 7</p> <p>b. 6 <input type="checkbox"/> 10 </p> | <p>26) Solve:</p> $10^3 - 4^2 \times 2$ |

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| <p>27) Let $c = 7$ and solve.</p> $3c - 11 =$ | <p>28) Solve:</p> $x + 12 = 20$ $x = \underline{\quad}$ | <p>29) Write an inequality.</p> <p>A number x is less than 15.</p> <hr/> | <p>30) What is the area of the triangle?</p>  <hr/> |
|--|--|--|---|

| | | | |
|--|--|--|--|
| <p>31) Evaluate:</p> $-4 + 3 =$ $(-4) + (-3) =$ | <p>32) Evaluate:</p> $3 - 7 =$ $(-3) - 7 =$ | <p>33) Evaluate:</p> $-6 g 3 =$ $-6 g (-3) =$ | <p>34) Evaluate:</p> $32 \div (-8) =$ $(-32) \div (-8) =$ |
|--|--|--|--|

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| <p>35) Solve for k.</p> $\frac{k}{8.4} = \frac{6.8}{11.2}$ | <p>36) Find the perimeter. Simplify the expression.</p>  | <p>37) Scale Factor:</p> <p>2 inches = 12 miles</p> <p>7 inches = _____ miles</p> |
|---|---|---|

38) Evaluate:

$$\frac{\frac{1}{2}}{3} =$$

39) Solve the equation:

$$6y - 7 = 35$$

$$y = \underline{\hspace{2cm}}$$

40) Distribute the expression.

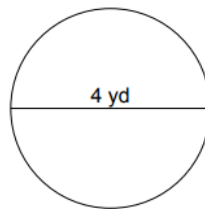
$$6(2k - 3)$$

41) Solve the inequality:

$$2n - 7 < 25$$

$$n < \underline{\hspace{2cm}}$$

42) Find the Circumference. Use 3.14 for π . $C = \pi d$



43) Find the Area.

