

Name: _____

Math Practice: Page 14

Class: _____

Date: _____

<p>1) Compute the rate of the following.</p> <p>425 words in 10 minutes.</p>	<p>2) Compute the rate of the following.</p> <p>\$2350 in 3 weeks.</p>
<p>3) Solve the proportion.</p> $\frac{18}{x} = \frac{9}{8}$	<p>4) Solve for the missing variable.</p> $\frac{16}{28} = \frac{x}{7}$
<p>5) Solve for the missing variable.</p> $\frac{8}{11} = \frac{3}{2y}$	<p>6) A piggy bank contains 6 quarters, 5 nickels and 10 pennies. Find the ratio of each of the following.</p> <p>a) Quarters to nickels: _____</p> <p>b) Pennies to nickels: _____</p> <p>c) Total coins to quarters: _____</p> <p>d) Nickels to total coins: _____</p>
<p>7) From the following, circle the ratios that form a proportion.</p> $\frac{2}{6} \square \frac{17}{51} \quad \frac{12}{9} \square \frac{9}{6}$ $\frac{5}{15} \square \frac{7}{21} \quad \frac{4}{6} \square \frac{20}{24}$	<p>8) Which of the following is not a valid ratio?</p> <p>A) 3:2 B) $\frac{9}{17}$ C) 25 = 10 D) 5 to 3</p>