

Section 2.4 – Direct Variation

<p>There are 3 feet in every yard. Using f to represent the number of feet and y to represent the number of yards, write an equation that shows the relationship between the two variables.</p>	<p>How many feet is 8 yards?</p>	<p>How many yards is 8 feet?</p>
<p>There are 1.6 kilometers in every mile. Using k for the number of kilometers and m for the number of miles, write an equation that shows the relationship between the two variables.</p>	<p>How many kilometers is equal to 50 miles?</p>	<p>How many miles is equal to 25 kilometers?</p>
<p>It takes 2.24 seconds for Mr. Towne to eat each Goldfish. Write an equation using an x and a y that shows the relationship. Also write down what each variable represents.</p>	<p>How many seconds would it take Mr. Towne to eat 100 Goldfish?</p>	<p>How many goldfish could Mr. Towne eat in five minutes?</p>
<p>Each box of white-board markers has four markers. Write an equation using an x and a y. Also write down what each variable represents.</p>	<p>How many markers would you get if you ordered 17 boxes?</p>	<p>How many boxes would you have to order if you needed 258 markers during the year?</p>
<p>An inch is 2.54 cm. Do the rest!</p>	<p>Mr. Towne is 69.5 inches tall. How many cm tall is he?</p>	<p>How many inches long is a 100 cm object?</p>
<p>Each question correct on a 7 question test is about 14.28% of the total grade. Do the rest!</p>	<p>If Bucky answers 6 questions correct, what would his percentage grade be?</p>	<p>If Bucky earned a 57.12%,</p>