

# Variable Expression Word Problems: Matching Activity

Directions: Cut out all of the cards. Then match each word problem card to the card that shows the expression representing that word problem.



<p><b>1.</b> Ms. Kelly is preparing supplies for the art club. She has <math>x</math> markers, and she puts an equal number of markers on each of the 12 tables in her classroom. What is the expression that represents how many markers are on each table?</p>	<p><b>2.</b> Tamir is saving money to buy a new tablet. He has \$60 so far. He gets another <math>x</math> dollars for mowing his grandmother's lawn. What is the expression that represents how much money Tamir has now?</p>	<p><b>3.</b> Jasmine made 8 braided necklaces and <math>x</math> braided keychains. What is the expression that represents the total number of items she made?</p>
<p><b>C.</b> <math>x \div 12</math></p>	<p><b>H.</b> <math>60 + x</math></p>	<p><b>A.</b> <math>8 + x</math></p>
<p><b>4.</b> At the start of the marching band's bake sale, there were 60 cupcakes. At the end of the bake sale, <math>x</math> cupcakes had been sold. What is the expression that represents how many cupcakes are left?</p>	<p><b>5.</b> This year, there are 60 students in sixth grade at Mountain Middle School. The students will be divided evenly into <math>x</math> homerooms. What is the expression that represents how many students will be in each homeroom?</p>	<p><b>6.</b> Wesley walks on his treadmill at a pace of 12 minutes per mile. Today, he walked <math>x</math> miles on the treadmill. What is the expression that represents the number of minutes he walked on the treadmill?</p>
<p><b>E.</b> <math>60 - x</math></p>	<p><b>B.</b> <math>60 \div x</math></p>	<p><b>F.</b> <math>12x</math></p>
<p><b>7.</b> Sean has 12 pages left to read in his book. Farid has <math>x</math> fewer pages to read than Sean. What is the expression that represents the number of pages Farid has left to read?</p>	<p><b>8.</b> Chloe walks her dog, Banjo, the same route each day for a total of 8 blocks. Last month, she walked Banjo <math>x</math> days, but they had to cut one walk 2 blocks short because of rain. What is the expression that represents the number of blocks Chloe and Banjo walked last month?</p>	<p><b>9.</b> Isaac earns \$8 per hour babysitting after school. Last week, he babysat for <math>x</math> hours, and he earned an extra \$2 at one house for emptying the dishwasher. What is the expression that represents how much money Isaac earned in all while babysitting last week?</p>
<p><b>G.</b> <math>12 - x</math></p>	<p><b>I.</b> <math>8x - 2</math></p>	<p><b>D.</b> <math>8x + 2</math></p>