

<p>1. Sandra uses two entire erasers for every 15 questions she answers. If erasers come in packs of 12, at least how many packs does she need for her 100-question test? A. 2 B. 3 C. 4 D. 5</p>	
<p>2. How many whole numbers greater than 10 and less than 200 can be written using only even digits? A. 16 B. 20 C. 25 D. 50</p>	<p>3. Noah has a soccer game every day and scores two goals in every game. How many weeks will it take him to score 56 goals? A. 3 B. 4 C. 5 D. 18</p>
<p>4. Chris ran each lap of his 10-lap race in 90 seconds. After running for 6 minutes, how many laps did Chris have left to run? A. 3 B. 4 C. 5 D. 6</p>	<p>5. How many pairs of unequal whole numbers greater than 40 and less than 60 sum to 100? A. 9 B. 10 C. 18 D. 20</p>
<p>6. <math>2 \times 4 \times 5 \times 25 = ?</math> A. <math>6 \times 125</math> B. <math>6 \times 150</math> C. <math>8 \times 150</math> D. <math>10 \times 100</math></p>	<p>7. How many whole numbers between 100 and 200 are divisible by both 4 and 6? A. 6 B. 7 C. 8 D. 10</p>
<p>8. Joey has only large and small boxes. In each large box there are exactly four small boxes. If Joey has 20 boxes total, the lowest possible number of small boxes that Joey has is _____. A. 4 B. 5 C. 15 D. 16</p>	<p>9. Jake bought cheese slices to put on his daily sandwich. If he puts 6 cheese slices on each sandwich, then one day he will have 2 cheese slices left over. If he puts 5 cheese slices on each sandwich, then one day he will have 3 cheese slices left over. He could have started with <u>?</u> cheese slices. A. 13 B. 14 C. 26 D. 38</p>
<p>10. Of the following intervals, which includes the most prime numbers? A. 20 and 30 C. 40 and 50 B. 30 and 40 D. 50 and 60</p>	<p>11. Simona has only dimes and quarters, which total exactly one dollar. If she has at least one dime and at least one quarter, how many coins must she have all together? A. 4 B. 7 C. 9 D. 10</p>
<p>12. Briana can solve 6 puzzle cubes in 4 minutes, and Avima can solve 5 puzzle cubes in 6 minutes. At these rates, Briana can solve one cube <u>?</u> seconds more quickly than Avima can. A. 24 B. 27 C. 30 D. 32</p>	<p>13. <u>?</u> is the product of exactly 2 prime numbers. A. 2018 B. 2020 C. 3018 D. 3020</p>
<p>14. At most how many 1-by-3 rectangles that do not overlap can fit in a 5-by-7 rectangle? A. 9 B. 10 C. 11 D. 12</p>	



Take a picture of the completed worksheet and email it to [RAMHoustonReg@gmail.com](mailto:RAMHoustonReg@gmail.com) or text it to 832-898-3959 by **May 15<sup>th</sup>, 2020**, and you will receive 1 point for each problem attempted. When you get 30 points, you can exchange for a package of gel pens!  
Solutions will be posted online on May 16<sup>th</sup>, 2020.