

Name: \_\_\_\_\_

Date: \_\_\_\_\_

# ANSWERS

## ★ Area Thinking ★

<p><b>1.</b> Area of 7 square units  <b>Answer: 16</b>            Explanation:            Area <math>1 \times 7 = 7</math>            Perimeter <math>7 \times 2 + 1 \times 2 = 16</math></p>	<p><b>2.</b> Area of 9 square units  <b>Answer: 20, 12</b>            Explanation:            Area <math>1 \times 9 = 9</math>            Perimeter <math>9 \times 2 + 1 \times 2 = 20</math>            Area <math>3 \times 3 = 9</math>            Perimeter <math>3 \times 2 + 3 \times 2 = 12</math></p>
<p><b>3.</b> Area of 10 square units  <b>Answer: 22, 14</b>            Explanation:            Area <math>1 \times 10 = 10</math>            Perimeter <math>10 \times 2 + 1 \times 2 = 22</math>            Area <math>2 \times 5 = 10</math>            Perimeter <math>5 \times 2 + 2 \times 2 = 14</math></p>	<p><b>4.</b> Area of 12 square units  <b>Answer: 26, 16, 14</b>            Explanation:            Area <math>1 \times 12 = 12</math>            Perimeter <math>12 \times 2 + 1 \times 2 = 26</math>            Area <math>2 \times 6 = 12</math>            Perimeter <math>6 \times 2 + 2 \times 2 = 16</math>            Area <math>3 \times 4 = 12</math>            Perimeter <math>4 \times 2 + 3 \times 2 = 14</math></p>
<p><b>5.</b> Area of 15 square units  <b>Answer: 32, 16</b>            Explanation:            Area <math>1 \times 15 = 15</math>            Perimeter <math>15 \times 2 + 1 \times 2 = 32</math>            Area <math>3 \times 5 = 15</math>            Perimeter <math>5 \times 2 + 3 \times 2 = 16</math></p>	<p><b>6.</b> Area of 24 square units  <b>Answer: 50, 28, 22, 20</b>            Explanation:            Area <math>1 \times 24 = 24</math>            Perimeter <math>24 \times 2 + 1 \times 2 = 50</math>            Area <math>2 \times 12 = 12</math>            Perimeter <math>12 \times 2 + 2 \times 2 = 28</math>            Area <math>3 \times 8 = 24</math>            Perimeter <math>8 \times 2 + 3 \times 2 = 22</math>            Area <math>4 \times 6 = 24</math>            Perimeter <math>6 \times 2 + 4 \times 2 = 20</math></p>
<p><b>7.</b> Area of 32 square units  <b>Answer: 66, 36, 24</b>            Explanation:            Area <math>1 \times 32 = 32</math>            Perimeter <math>32 \times 2 + 1 \times 2 = 66</math>            Area <math>2 \times 16 = 16</math>            Perimeter <math>16 \times 2 + 2 \times 2 = 36</math>            Area <math>4 \times 8 = 32</math>            Perimeter <math>8 \times 2 + 4 \times 2 = 24</math></p>	<p><b>8.</b> Area of 56 square units  <b>Answer: 114, 60, 36, 30</b>            Explanation:            Area <math>1 \times 56 = 56</math>            Perimeter <math>56 \times 2 + 1 \times 2 = 114</math>            Area <math>2 \times 28 = 56</math>            Perimeter <math>28 \times 2 + 2 \times 2 = 60</math>            Area <math>4 \times 14 = 56</math>            Perimeter <math>14 \times 2 + 4 \times 2 = 36</math>            Area <math>7 \times 8 = 56</math>            Perimeter <math>8 \times 2 + 7 \times 2 = 30</math></p>