

Name: _____

Date: _____

ANSWERS

★ Area Thinking ★

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