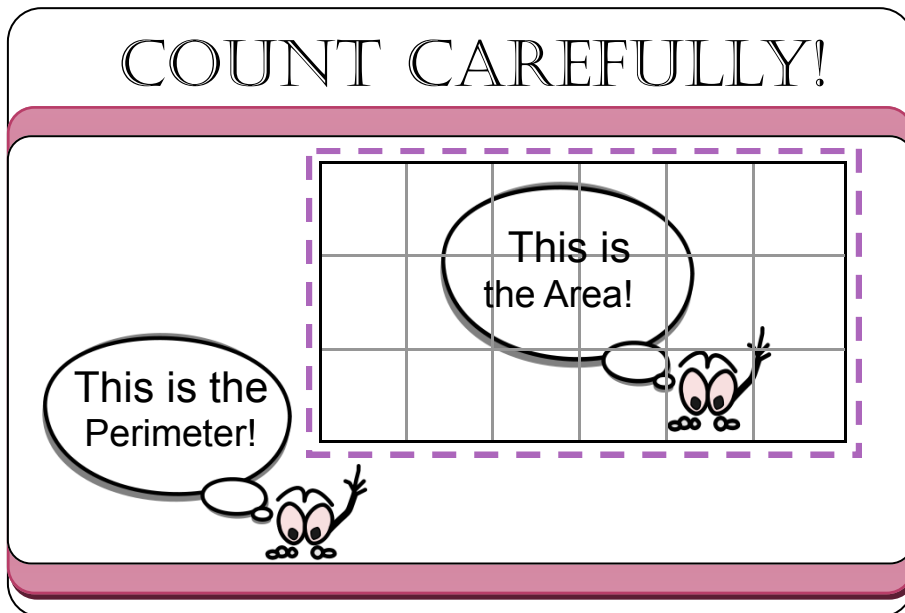


Answer - Perimeter and Area Book 1

COUNT CAREFULLY!



Answers to Perimeter and Area Book 1

<p>Page 6</p> <p>Q2: a) 9 cm^2 b) 12 cm^2 c) 15 cm^2</p>	<p>Page 7</p> <p>Q2: a) 12 cm b) 14 cm c) 16 cm</p>
<p>Page 8</p> <p>Q1: a) i. 12 cm ii. 5 cm^2 b) i. 14 cm ii. 6 cm^2</p> <p>Q2: a) i. 16 cm ii. 16 cm^2 b) i. 22 cm ii. 28 cm^2 c) i. 22 cm ii. 18 cm^2</p>	<p>Page 9</p> <p>Q1: a) i. 18 cm ii. 18 cm^2 b) i. 20 cm ii. 21 cm^2 c) i. 22 cm ii. 18 cm^2</p> <p>Q2: a) i. 4 cm ii. 1 cm^2 b) i. 6 cm ii. 2 cm^2 c) i. 8 cm ii. 3 cm^2 d) i. 12 cm ii. 5 cm^2 e) i. 14 cm ii. 6 cm^2</p>
<p>Page 10</p> <p>Q1: a) i. 18 cm ii. 20 cm^2 b) i. 18 cm ii. 18 cm^2 c) i. 22 cm ii. 18 cm^2</p> <p>Q2: a) i. 20 cm ii. 25 cm^2 b) i. 24 cm ii. 36 cm^2</p>	<p>Page 11</p> <p>Q1: a) i. 50 cm ii. 24 cm^2 b) i. 28 cm ii. 24 cm^2 c) i. 22 cm ii. 24 cm^2 d) i. 20 cm ii. 24 cm^2</p> <p>Q2: a) Area remains the same. b) Perimeter changes.</p>
<p>Page 12</p> <p>Q1: The rectangles should be drawn accurately with a pencil, using a ruler. Lines must be neat and straight.</p> <p>Q2: a) 3 by 4 rectangle Area = 12 cm^2 Perimeter = 14 cm. b) 3 by 5 rectangle Area = 15 cm^2 Perimeter = 16 cm. c) 4 by 4 rectangle Area = 16 cm^2 Perimeter = 16 cm. d) 4 by 5 rectangle Area = 20 cm^2 Perimeter = 18 cm.</p>	<p>Page 13</p> <p>Q1: The rectangles should be drawn accurately with a pencil, using a ruler. Lines must be neat and straight.</p> <p>Q2: a) 5 by 2 rectangle Area = 10 cm^2 Perimeter = 14 cm. b) 6 by 2 rectangle Area = 12 cm^2 Perimeter = 16 cm. c) 3 by 8 rectangle Area = 24 cm^2 Perimeter = 22 cm. d) 3 by 7 rectangle Area = 21 cm^2 Perimeter = 20 cm.</p>

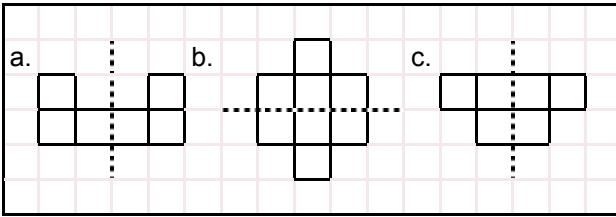
Answers to Perimeter and Area Book 1

<p>Page 14</p> <p>Q1: The rectangles should be drawn accurately with a pencil, using a ruler. Lines must be neat and straight.</p> <p>Q2: a) 2 by 7 rectangle Area = 14 cm^2 Perimeter = 18 cm.</p> <p>b) 9 by 2 rectangle Area = 18 cm^2 Perimeter = 22 cm.</p> <p>c) 10 by 2 rectangle Area = 20 cm^2 Perimeter = 24 cm.</p> <p>d) 9 by 1 rectangle Area = 9 cm^2 Perimeter = 20 cm.</p>	<p>Page 15</p> <p>Q1: The rectangles should be drawn accurately with a pencil, using a ruler. Lines must be neat and straight.</p> <p>Q2: a) 7 by 3 rectangle Area = 21 cm^2 Perimeter = 20 cm.</p> <p>b) 6 by 5 rectangle Area = 30 cm^2 Perimeter = 22 cm.</p> <p>c) 3 by 6 rectangle Area = 18 cm^2 Perimeter = 18 cm.</p> <p>d) 3 by 3 rectangle Area = 9 cm^2 Perimeter = 12 cm.</p>
<p>Page 16</p> <p>Q1: a) i. 12 cm ii. 7 cm^2</p> <p>b) i. 16 cm ii. 7 cm^2</p> <p>c) i. 16 cm ii. 7 cm^2</p> <p>Q4: a) i. 14 cm ii. 10 cm^2</p> <p>b) i. 18 cm ii. 10 cm^2</p> <p>c) i. 16 cm ii. 10 cm^2</p>	<p>Page 17</p> <p>Q1: a) i. 22 cm ii. 16 cm^2</p> <p>b) i. 22 cm ii. 14 cm^2</p> <p>c) i. 18 cm ii. 16 cm^2</p> <p>Q2: a) i. 22 cm ii. 18 cm^2</p> <p>b) i. 28 cm ii. 19 cm^2</p> <p>c) i. 30 cm ii. 20 cm^2</p>
<p>Page 18</p> <p>Q1: a) i. 14 cm ii. 6 cm^2</p> <p>b) i. 12 cm ii. 6 cm^2</p> <p>c) i. 12 cm ii. 6 cm^2</p> <p>Q2: a) i. 18 cm ii. 10 cm^2</p> <p>b) i. 20 cm ii. 9 cm^2</p> <p>c) i. 14 cm ii. 8 cm^2</p>	<p>Page 19</p> <p>Q1: a) i. 20 cm ii. 16 cm^2</p> <p>b) i. 22 cm ii. 14 cm^2</p> <p>c) i. 24 cm ii. 14 cm^2</p> <p>Q2: a) i. 22 cm ii. 20 cm^2</p> <p>b) i. 26 cm ii. 20 cm^2</p> <p>c) i. 34 cm ii. 16 cm^2</p>
<p>Page 20</p> <p>Q1: a) $A = 4 \text{ cm}^2$ P = 10 cm</p> <p>b) $A = 5 \text{ cm}^2$ P = 12 cm</p> <p>c) $A = 6 \text{ cm}^2$ P = 14 cm</p> <p>d) $A = 5 \text{ cm}^2$ P = 12 cm</p> <p>e) $A = 6 \text{ cm}^2$ P = 14 cm</p> <p>f) $A = 9 \text{ cm}^2$ P = 20 cm</p>	<p>Page 21</p> <p>Q1: a) $A = 10 \text{ cm}^2$ P = 22 cm</p> <p>b) $A = 8 \text{ cm}^2$ P = 18 cm</p> <p>c) $A = 9 \text{ cm}^2$ P = 20 cm</p> <p>d) $A = 12 \text{ cm}^2$ P = 26 cm</p> <p>e) $A = 9 \text{ cm}^2$ P = 20 cm</p> <p>f) $A = 12 \text{ cm}^2$ P = 26 cm</p>

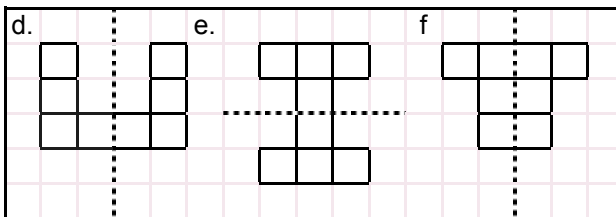
Answers to Perimeter and Area Book 1

<p>Page 22</p> <p>Q1: a) Area $\frac{1}{2}$ cm² Perimeter 3.4 cm b) Area 2 cm² Perimeter 6.8 cm c) Area 4.5 cm² Perimeter 10.6 cm d) Area 8 cm² Perimeter 13.6 cm e) Area 12.5 cm² Perimeter 17 cm f) Area 18 cm² Perimeter 20.4 cm</p>	<p>Page 23</p> <p>Q1: a) Area 4 cm² Perimeter 9.6 cm b) Area 16 cm² Perimeter 19.2 cm c) Area 6 cm² Perimeter 11.6 cm d) Area 8 cm² Perimeter 11.6 cm e) Area 8 cm² Perimeter 13cm or 15.2 cm f) Area 12 cm² Perimeter 13.6 cm g) Area 6 cm² Perimeter 11.6 cm h) Area 5 cm² Perimeter 8.8 cm i) Area 4 cm² Perimeter 9.6 cm</p> <p>Q2: Shape e has no line of symmetry.</p>
<p>Page 24</p> <p>Q1: a) Area 1 cm² Perimeter 4.8 cm b) Area 4 cm² Perimeter 9.6 cm c) Area 9 cm² Perimeter 14.4 cm d) Area 8 cm² Perimeter 19.2 cm e) Area 18 cm² Perimeter 28.8 cm</p>	<p>Page 25</p> <p>Q1: a) Area 8 cm² Perimeter 11.2 cm b) Area 12 cm² Perimeter 13.2 cm c) Area 16 cm² Perimeter 15.2 cm d) Area 18 cm² Perimeter 16.8 cm e) Area 10 cm² Perimeter 18 cm f) Area 12 cm² Perimeter 16.4 cm</p> <p>Q2: Shape e has no line of symmetry.</p>
<p>Page 26</p> <p>Q1: The pentominoes should be drawn accurately with a pencil, using a ruler. Lines must be neat and straight. Check the perimeter.</p>	<p>Page 27</p> <p>Q1: The hexominoes should be drawn accurately with a pencil, using a ruler. Lines must be neat and straight. Check the perimeter.</p>
<p>Page 28</p> <p>Q1: The shapes with an area of seven and nine squares should be drawn accurately with a pencil, using a ruler. Lines must be neat and straight. Check the perimeter.</p>	<p>Page 29</p> <p>Q1: The shapes with an area of eight and ten cm² should be drawn accurately with a pencil, using a ruler. Lines must be neat and straight. Check the perimeter.</p>

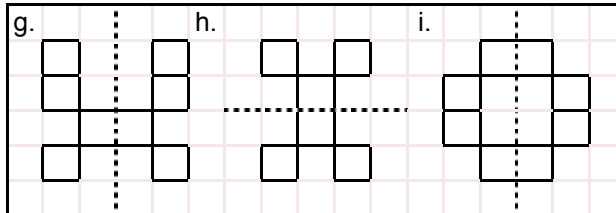
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- a) Area 6 cm^2 Perimeter 14 cm
- b) Area 8 cm^2 Perimeter 14 cm
- c) Area 6 cm^2 Perimeter 12 cm

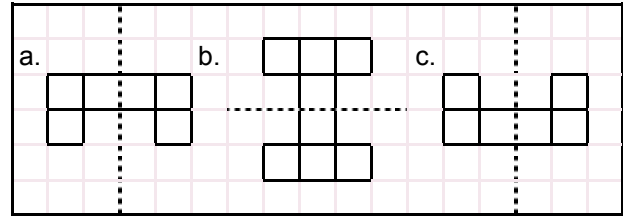


- d) Area 8 cm^2 Perimeter 18 cm
- e) Area 8 cm^2 Perimeter 18 cm
- f) Area 8 cm^2 Perimeter 14 cm

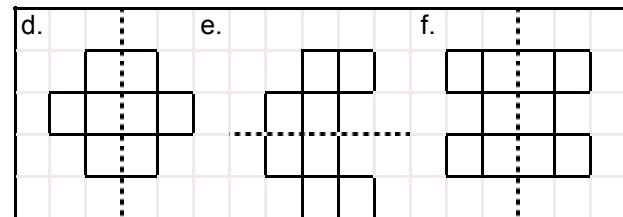


- g) Area 8 cm^2 Perimeter 26 cm
- h) Area 6 cm^2 Perimeter 22 cm
- i) Area 12 cm^2 Perimeter 24 cm

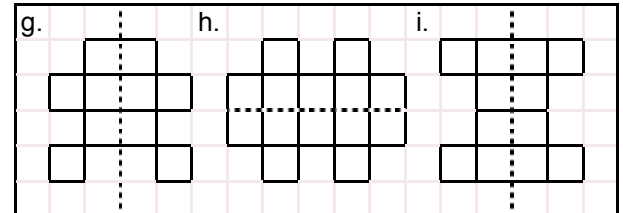
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- a) Area 6 cm^2 Perimeter 14 cm
- b) Area 8 cm^2 Perimeter 18 cm
- c) Area 6 cm^2 Perimeter 14 cm

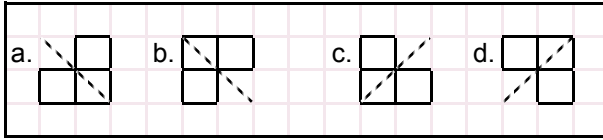


- d) Area 8 cm^2 Perimeter 14 cm
- e) Area 8 cm^2 Perimeter 16 cm
- f) Area 10 cm^2 Perimeter 18 cm

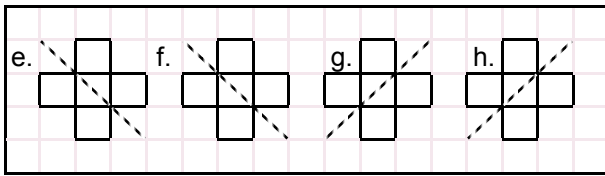


- g) Area 10 cm^2 Perimeter 22 cm
- h) Area 14 cm^2 Perimeter 22 cm
- i) Area 12 cm^2 Perimeter 20 cm

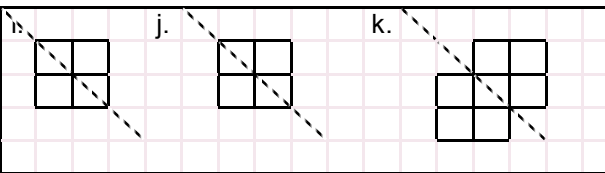
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- Q2: a) Area 3 cm^2 Perimeter 8 cm
 b) Area 3 cm^2 Perimeter 8 cm
 c) Area 3 cm^2 Perimeter 8 cm
 d) Area 3 cm^2 Perimeter 8 cm



- Q2: e) Area 5 cm^2 Perimeter 12 cm
 f) Area 5 cm^2 Perimeter 12 cm
 g) Area 5 cm^2 Perimeter 12 cm
 h) Area 5 cm^2 Perimeter 12 cm

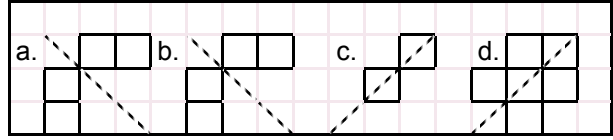


- Q2: i) Area 4 cm^2 Perimeter 8 cm
 j) Area 4 cm^2 Perimeter 8 cm
 k) Area 7 cm^2 Perimeter 12 cm

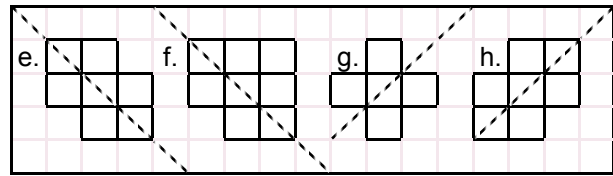
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Q1: The shapes with an area of 12 cm^2 should be drawn accurately with a pencil, using a ruler. Lines must be neat and straight. Check the perimeter.

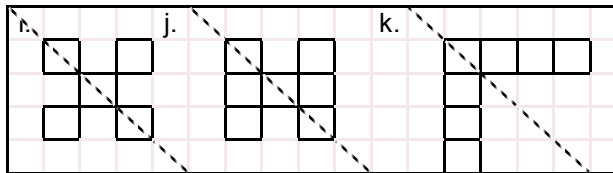
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- Q2: a) Area 4 cm^2 Perimeter 12 cm
 b) Area 4 cm^2 Perimeter 12 cm
 c) Area 2 cm^2 Perimeter 8 cm
 d) Area 6 cm^2 Perimeter 12 cm



- Q2: e) Area 7 cm^2 Perimeter 12 cm
 f) Area 8 cm^2 Perimeter 12 cm
 g) Area 5 cm^2 Perimeter 12 cm
 h) Area 7 cm^2 Perimeter 12 cm



- Q2: i) Area 5 cm^2 Perimeter 20cm
 j) Area 7 cm^2 Perimeter 16 cm
 k) Area 7 cm^2 Perimeter 16 cm