

**Arcs and Sectors Answers**

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|-----------|---|-------------------------|
| <b>1</b>  | 15.4 cm   | 10.1 cm <sup>2</sup>    |
| <b>2</b>  | 31.0 cm   | 58.7 cm <sup>2</sup>    |
| <b>3</b>  | 30.7 cm   | 58.9 cm <sup>2</sup>    |
| <b>4</b>  | 27.8 cm   | 46.3 cm <sup>2</sup>    |
| <b>5</b>  | 95.7 mm   | 169 mm <sup>2</sup>     |
| <b>6</b>  | 35.3 cm   | 66.0 cm <sup>2</sup>    |
| <b>7</b>  | 12.4 cm   | 9.27 cm <sup>2</sup>    |
| <b>8</b>  | 44.3 cm   | 103 cm <sup>2</sup>     |
| <b>9</b>  | a) 140 cm <sup>2</sup> , 122 cm <sup>2</sup> , 52 cm <sup>2</sup> |                         |
|           | b) 30.5 cm  |                         |
| <b>10</b> | a) 72°  | b) 22.6 in <sup>2</sup> |
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