



PERIMETER OF 2D SHAPES CHALLENGES 2

Work out the perimeter of the following shapes.

- 1) A rectangle measuring 7cm by 4cm. Perimeter = _____
- 2) A square with side 8cm. Perimeter = _____
- 3) A rectangle with sides 15mm and 8mm. Perimeter = _____
- 4) A square with sides of $2\frac{1}{2}$ cm Perimeter = _____
- 5) A rectangle with sides $2\frac{1}{2}$ cm and 5cm. Perimeter = _____
- 6) A rectangle with sides $3\frac{1}{2}$ cm and $1\frac{1}{2}$ cm. Perimeter = _____
- 7) A regular pentagon with sides 7cm Perimeter = _____
- 8) A square with sides of 1.2m Perimeter = _____
- 9) An equilateral triangle with sides 21cm Perimeter = _____
- 10) A regular hexagon with sides 11mm Perimeter = _____
- 11) A regular pentagon with sides 40cm Perimeter = _____
- 12) A regular octagon with sides 9mm Perimeter = _____
- 13) A square with sides 0.8m Perimeter = _____
- 14) A regular decagon with sides 4.5cm Perimeter = _____
- 15) A regular nonagon with sides 0.6m Perimeter = _____
- 16) A regular hexagon with sides 15 mm. Perimeter = _____





PERIMETER OF 2D SHAPES CHALLENGES 2 ANSWERS

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| 1) A rectangle measuring 7cm by 4cm. | Perimeter = <u>22 cm</u> |
| 2) A square with side 8cm. | Perimeter = <u>32 cm</u> |
| 3) A rectangle with sides 15mm and 8mm. | Perimeter = <u>46 mm</u> |
| 4) A square with sides of $2\frac{1}{2}$ cm | Perimeter = <u>10 cm</u> |
| 5) A rectangle with sides $2\frac{1}{2}$ cm and 5cm. | Perimeter = <u>15 cm</u> |
| 6) A rectangle with sides $3\frac{1}{2}$ cm and $1\frac{1}{2}$ cm. | Perimeter = <u>10 cm</u> |
| 7) A regular pentagon with sides 7cm | Perimeter = <u>35 cm</u> |
| 8) A square with sides of 1.2m | Perimeter = <u>4.8 m</u> |
| 9) An equilateral triangle with sides 21cm | Perimeter = <u>63 cm</u> |
| 10) A regular hexagon with sides 11mm | Perimeter = <u>66 mm</u> |
| 11) A regular pentagon with sides 40cm | Perimeter = <u>200 cm</u> |
| 12) A regular octagon with sides 9mm | Perimeter = <u>72 mm</u> |
| 13) A square with sides 0.8m | Perimeter = <u>3.2 m</u> |
| 14) A regular decagon with sides 4.5cm | Perimeter = <u>45 cm</u> |
| 15) A regular nonagon with sides 0.6m | Perimeter = <u>5.4 m</u> |
| 16) A regular hexagon with sides 15 mm. | Perimeter = <u>90 mm</u> |