

Outcome 3 - Perimeter

Bronze examples

Examples... Calculate the perimeter of the following shapes...

15 cm 10 cm
18 cm
Perimeter
= 15 + 10 + 18
= 43 cm

15 m
8 m 8 m
15 m
Perimeter
= 6 + 14 + 6 + 14
= 46 m

Silver examples

Examples... Calculate the perimeter of the following shapes...

6 cm Square!
Perimeter
= 6 × 4
= 24 cm

9 - 4 5 m
9 m 5 m 8 - 5
3 m 4 m
8 m
Perimeter
= 9 + 5 + 5 + 3 + 4 + 8
= 34 cm

Gold examples

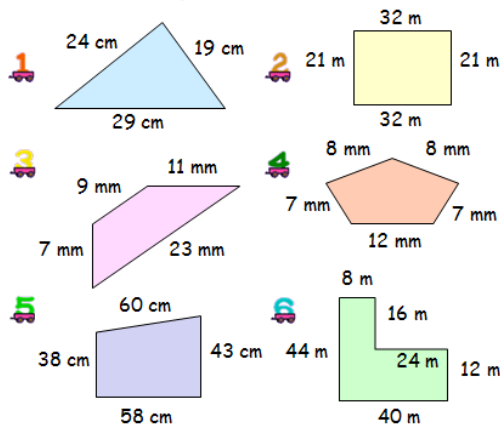
Examples... Calculate the lengths of the missing sides...

15 + 12 = 27
44 - 27 = 17 cm
Perimeter = 40 m
8 m
? m

Perimeter = 44 cm
15 cm 12 cm
? cm
8 × 2 = 16
40 - 16 = 24
24 ÷ 2 = 12 m

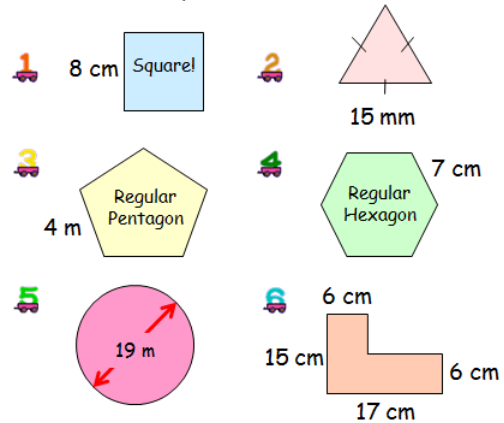
Bronze Questions

Calculate these perimeters...



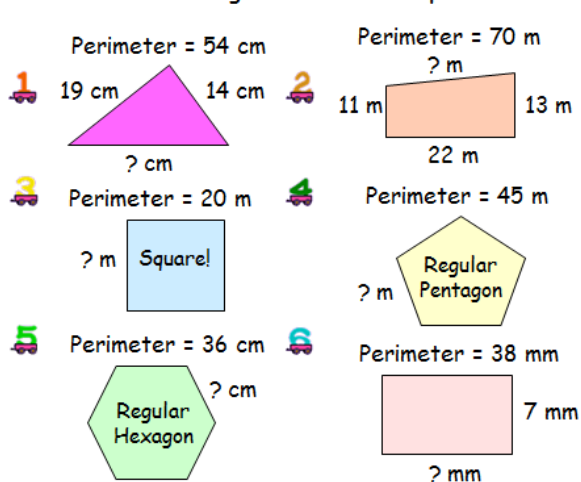
Silver Questions

Calculate these perimeters...



Gold Questions

Calculate the missing sides in the shapes below...



Key Facts/Formulae:

****To calculate the perimeter you add up all the sides!****

Bronze Answers

- | | |
|-----------|----------|
| 1. 72 cm | 2. 106 m |
| 3. 50 mm | 4. 42 mm |
| 5. 199 cm | 6. 144 m |

Silver Answers

- | | |
|------------|----------|
| 1. 32 cm | 2. 45 mm |
| 3. 20 m | 4. 42 cm |
| 5. 59.66 m | 6. 64 cm |

Gold Answers

- | | |
|----------|----------|
| 1. 21 cm | 2. 24 m |
| 3. 5 m | 4. 9 m |
| 5. 6 cm | 6. 12 mm |