

7 Translation and enlargement — Part 2

— Answers

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Work through these after trying the questions yourself.

7.6 No — it stays the same size and the same way up.

7.7 (4, 3).

7.8 Its size (each length is multiplied by the scale factor).

7.9 10 cm.

7.10 12 cm.

7.11 Each length is multiplied by 4: the sides become $3 \times 4 = 12$ cm and $5 \times 4 = 20$ cm.
The new perimeter is $2(12 + 20) = 64$ cm.