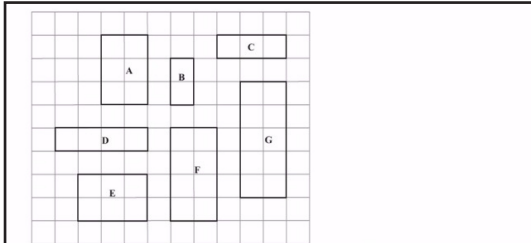




GCSE Maths Takeaway 74 - Similar Shapes

Name:.....

Date:.....



Which two shapes are similar?

- A C and B B F and G
- C B and F D A and B

Correct Answer: A B C D

Explanation:

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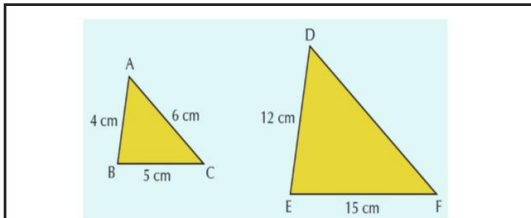
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The above two shapes are similar. What is the value of DF?

- A) 16 cm B) 12 cm
- C) 14 cm D) 18 cm

Correct Answer: A B C D

Explanation:

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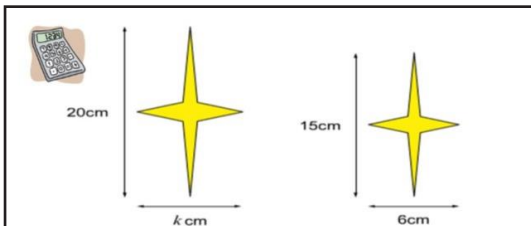
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The above two shapes are similar. What is the value of k?

- A) 8 cm B) 11 cm
- C) 7.3 cm D) 12 cm

Correct Answer: A B C D

Explanation:

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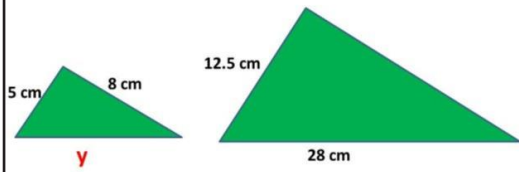
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The above two shapes are similar. What is the value of x?

- A) 18.666... cm
- B) 20.5 cm
- C) 17.92 cm
- D) 11.2 cm

Correct Answer: A B C D

Explanation:

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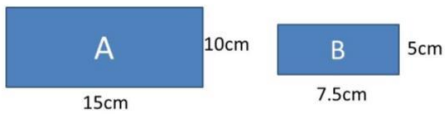
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Shape B is an enlargement of shape A



What is the scale factor of the enlargement?

- a) s.f. -2
- b) s.f. 1.5
- c) s.f. $\frac{1}{2}$
- d) s.f. $-\frac{1}{2}$

Correct Answer: A B C D

Explanation:

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