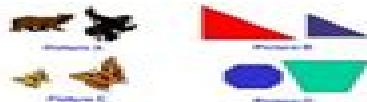


Properties of Similar Figures
5 Questions

1.



1. Find the picture that shows SIMILARITY

 A

Picture C

 C

Picture A

 B

Picture B

 D

Picture D

2.



2. Write the ratios of the corresponding side lengths of the pre-image and image.

 A

$$\frac{12}{x} \text{ and } \frac{20}{3}$$

 B

$$\frac{12}{20} \text{ and } \frac{3}{x}$$

 C

$$\frac{12}{3} \text{ and } \frac{20}{x}$$

 D

$$\frac{12}{x} \text{ and } \frac{20}{x}$$

3.



3. Write a proportion that can be used to find the side length of b.

 A

$$\frac{12}{3} = \frac{20}{x}$$

 B

$$\frac{3}{12} = \frac{20}{x}$$

 C

$$\frac{12}{20} = \frac{3}{x}$$

4.

$$\frac{12}{3} = \frac{20}{x}$$

4. Find the value of x
(Use your scratch paper and calculator)
(There are more than ONE correct answer.)

 A

$$\frac{(20 \times 3)}{12}$$

 B

$$\frac{20}{4}$$

 C

$$\frac{(20 + 3)}{12}$$

 D

5

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