

Geometric planter project: Lesson 1 Post test

1. What is 3 D printing?

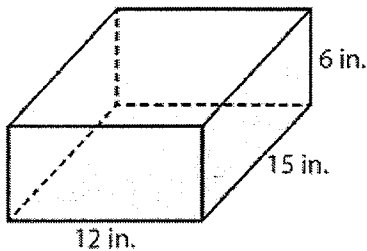
The flexible steel Build Plate Allow easy

2. What you think the 3D printing is use in today's society?

to create custom Prosthetics
imPlant and even human tissue

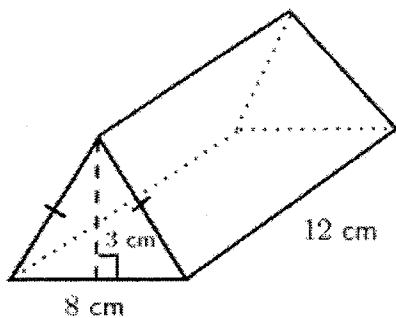
3. What is the total surface area of the below figures?

a.



$$12 \times 6 \times 2 + 5 \times 6 \times 2 + 15 \times 12 \times 2 =$$
$$\checkmark 684$$

b.



$$(8 + 5 + 5) \times 12 = 216$$

$$8 \times 3 \div 2 \times 2 = 24$$

$$216 + 24 = 240 \text{ cm}^2 \checkmark$$

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1. What is 3 D printing?

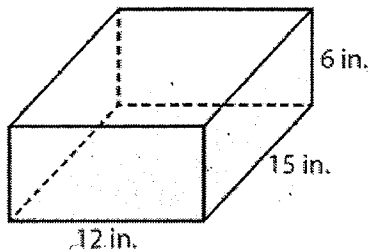
The action or process of making a physical object from a three-dimensional digital model ✓

2. What do you think the 3D printing is used in today's society?

To create custom prosthetics, implants, and even human truss ✓

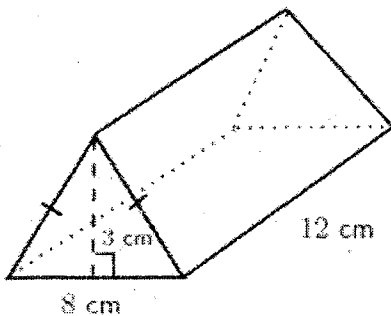
3. What is the total surface area of the below figures?

a.



$$6 \times 12 \times 2 + 15 \times 6 \times 2 + 12 \times 15 \times 2 = 684$$

b.



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$$216 + 24 = 240 \text{ cm}^2$$