

6.G.A.1

NAME: \_\_\_\_\_ Core \_\_\_\_\_ Date \_\_\_\_\_

COMMON CORE STANDARDS 6.G.A.1

1.) Which of the triangle(s) have an area of 24 units<sup>2</sup>? Show your work to prove your answer.

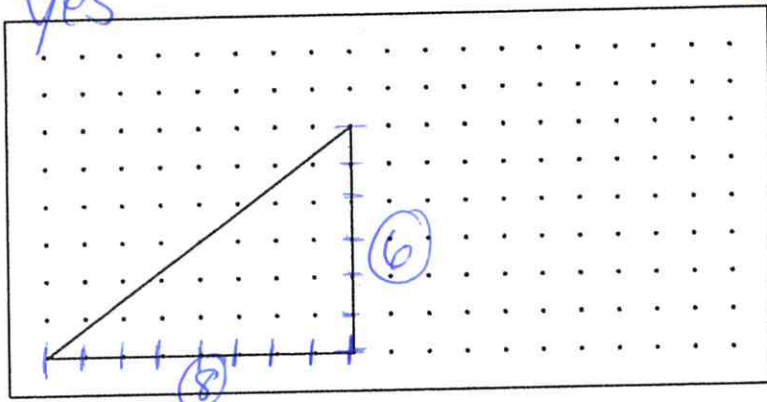
Choose all correct answers.

$$A = \frac{1}{2}bh$$

or

$$A = \frac{bh}{2}$$

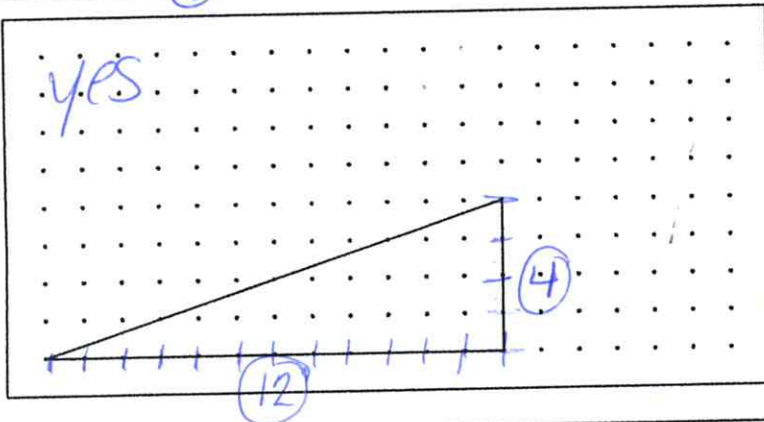
a.)



$$A = \frac{bh}{2}$$

$$A = \frac{8 \cdot 6}{2} = \frac{48}{2} = 24 \text{ units}^2$$

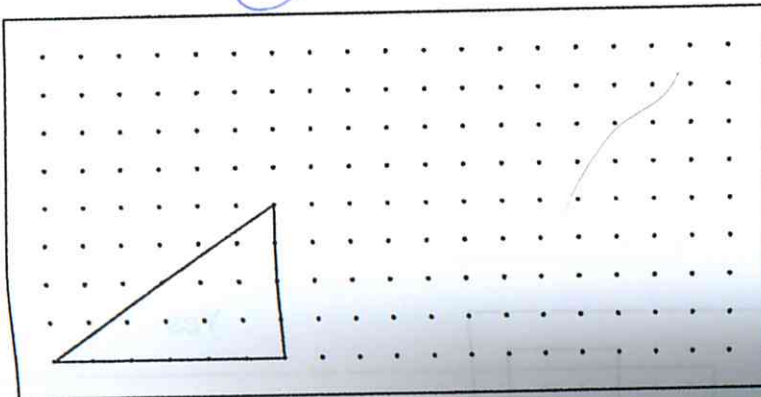
b.)



$$A = \frac{bh}{2}$$

$$A = \frac{12 \cdot 4}{2} = \frac{48}{2} = 24 \text{ units}^2$$

c.)



d.)

