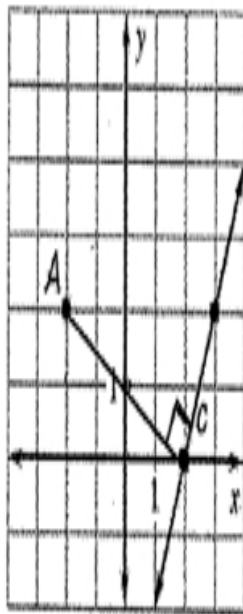


Find the distance from point A to line c. Round your answers to the nearest tenth.

13.



$$m_c = 2$$

$$m_{\perp} = -\frac{1}{2}$$

$$pt (2, 0)$$

$$A (-2, 2)$$

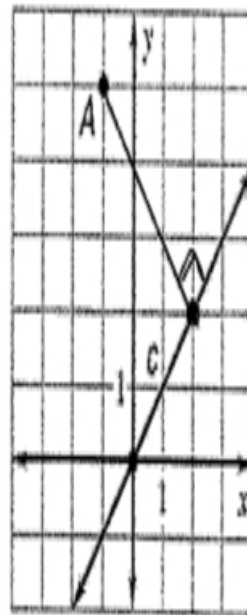
$$\sqrt{(2+2)^2 + (0-2)^2}$$

$$\sqrt{(4)^2 + (-2)^2}$$

$$\sqrt{16+4} = \sqrt{20} \approx 4.5$$

$\approx 4.4721..$

14.



$$m_c = 1$$

$$m_{\perp} = -1$$

$$pt (2, 2)$$

$$A (-1, 5)$$

$$\sqrt{(-1-2)^2 + (5-2)^2}$$

$$\sqrt{(-3)^2 + (3)^2}$$

$$\sqrt{9+9} = \sqrt{18} \approx 4.2$$

4.242