

1. Slope - find the **slopes** of all the segments listed below.

$$m = \frac{y_2 - y_1}{x_2 - x_1}$$

$$\overline{AB} = \underline{\hspace{2cm}}$$

$$\overline{BC} = \underline{\hspace{2cm}}$$

$$\overline{CD} = \underline{\hspace{2cm}}$$

$$\overline{DE} = \underline{\hspace{2cm}}$$

$$\overline{EF} = \underline{\hspace{2cm}}$$

$$\overline{FG} = \underline{\hspace{2cm}}$$

$$\overline{GH} = \underline{\hspace{2cm}}$$

$$\overline{AH} = \underline{\hspace{2cm}}$$

2. Length/Distance - find the **lengths** of all the segments listed below using the **Pythagorean Theorem** $A^2 + B^2 = C^2$ (If the line is horizontal, just count the spaces)

$$\overline{AB} = \underline{\hspace{2cm}}$$

$$\overline{BC} = \underline{\hspace{2cm}}$$

$$\overline{CD} = \underline{\hspace{2cm}}$$

$$\overline{DE} = \underline{\hspace{2cm}}$$

$$\overline{EF} = \underline{\hspace{2cm}}$$

$$\overline{FG} = \underline{\hspace{2cm}}$$

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