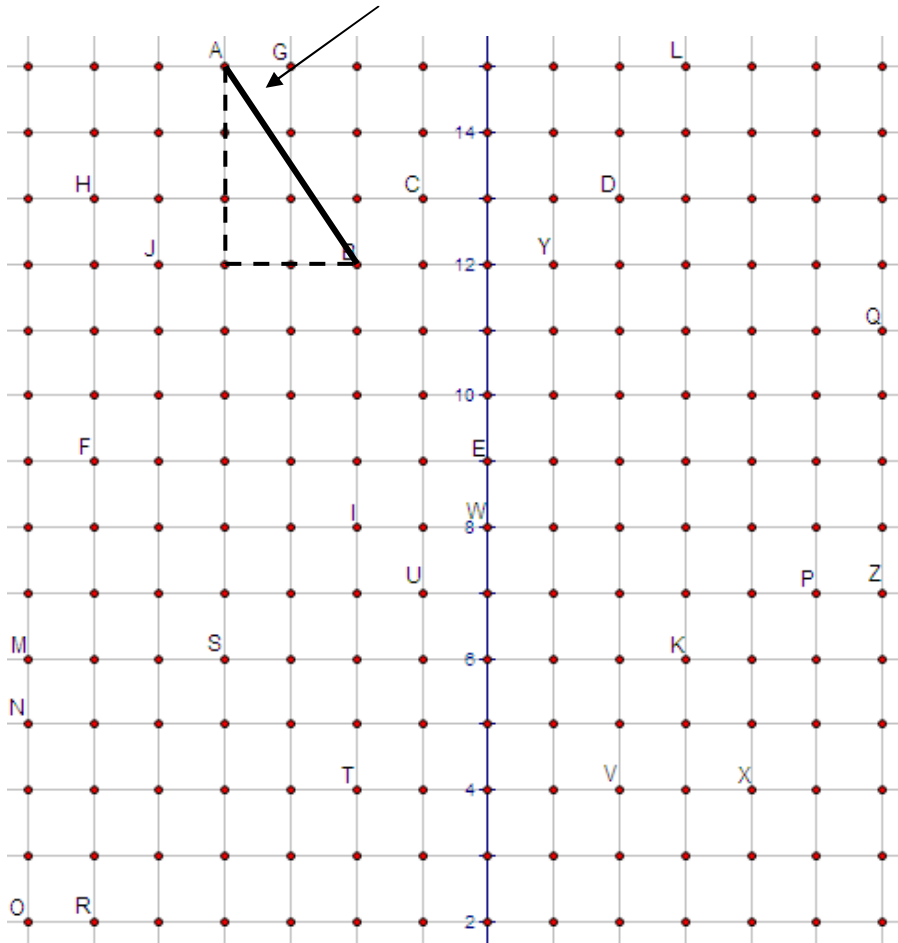


Find the lengths of each line segment, \overline{AB} , \overline{BC} , etc., as listed below. List the EXACT ANSWER (EX. $\sqrt{20}$) and the APPROXIMATE ANSWER (4.472). Make each segment the hypotenuse of a right triangle and use the Pythagorean

Theorem: $Hypotenuse^2 = Leg^2 + leg^2$. $Hypotenuse = \sqrt{leg^2 + leg^2}$



$m\overline{AB} = \sqrt{3^2 + 2^2} = \sqrt{9 + 4} = \sqrt{13} \approx 3.6056$

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

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

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

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

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

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

$m\overline{HI} = \underline{\hspace{2cm}} \approx \underline{\hspace{2cm}}$

$m\overline{IJ} = \underline{\hspace{2cm}} \approx \underline{\hspace{2cm}}$

$m\overline{JK} = \underline{\hspace{2cm}} \approx \underline{\hspace{2cm}}$

$m\overline{KL} = \underline{\hspace{2cm}} \approx \underline{\hspace{2cm}}$

$m\overline{LM} = \underline{\hspace{2cm}} \approx \underline{\hspace{2cm}}$

$m\overline{MN} = \underline{\hspace{2cm}} \approx \underline{\hspace{2cm}}$

$m\overline{NO} = \underline{\hspace{2cm}} \approx \underline{\hspace{2cm}}$

$m\overline{OP} = \underline{\hspace{2cm}} \approx \underline{\hspace{2cm}}$

$m\overline{PQ} = \underline{\hspace{2cm}} \approx \underline{\hspace{2cm}}$

$m\overline{QR} = \underline{\hspace{2cm}} \approx \underline{\hspace{2cm}}$

$m\overline{RS} = \underline{\hspace{2cm}} \approx \underline{\hspace{2cm}}$

$m\overline{ST} = \underline{\hspace{2cm}} \approx \underline{\hspace{2cm}}$

$m\overline{TU} = \underline{\hspace{2cm}} \approx \underline{\hspace{2cm}}$

$m\overline{UV} = \underline{\hspace{2cm}} \approx \underline{\hspace{2cm}}$

$m\overline{VW} = \underline{\hspace{2cm}} \approx \underline{\hspace{2cm}}$

$m\overline{WX} = \underline{\hspace{2cm}} \approx \underline{\hspace{2cm}}$

$m\overline{XY} = \underline{\hspace{2cm}} \approx \underline{\hspace{2cm}}$

$m\overline{YZ} = \underline{\hspace{2cm}} \approx \underline{\hspace{2cm}}$

$m\overline{AG} = \underline{\hspace{2cm}} \approx \underline{\hspace{2cm}}$

$m\overline{EV} = \underline{\hspace{2cm}} \approx \underline{\hspace{2cm}}$

$m\overline{GM} = \underline{\hspace{2cm}} \approx \underline{\hspace{2cm}}$

$m\overline{XT} = \underline{\hspace{2cm}} \approx \underline{\hspace{2cm}}$

$m\overline{RB} = \underline{\hspace{2cm}} \approx \underline{\hspace{2cm}}$