



Geometry

Unit 3—slopes of lines

Day 18—parallel & perpendicular line practice

Name: _____

Period: _____

\perp (*perpendicular*) lines have slopes that are the opposite reciprocal!

For example: if a line has slope $\frac{-1}{2} \perp \frac{+2}{1}$

practice writing the \perp (*perpendicular*) slopes for the following:

line has slope = 3 then the \perp is :

line has slope = $\frac{-1}{2}$ then the \perp is :

line has slope = 5 then the \perp is :

line has slope = $\frac{3}{4}$ then the \perp is :

line has slope = -7 then the \perp is :

line has slope = $\frac{2}{3}$ then the \perp is :

If ABCD is a square and the leg AB has slope of $\frac{2}{3}$ the what is the slope of BC?

What would the slope of CD be?

Try sketching the shape starting with pt. A at (0,0)

