

Calculating Slope

Find the slope of the line by graphing ($\frac{\text{rise}}{\text{run}}$) & by using the Slope Formula. Hint: you should get the same value.

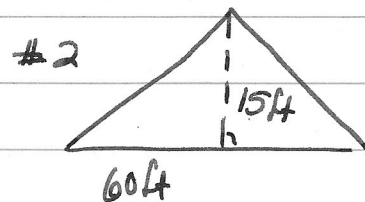
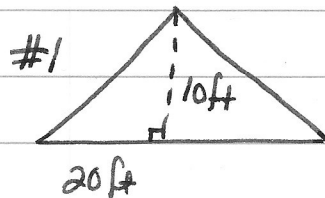
① $(-6, 1)$ & $(-3, -2)$ ② $(5, -2)$ & $(-5, 6)$

③ $(\frac{1}{2}, 3)$ & $(1, 6)$ ④ $(-2, -4)$ & $(3, -4)$

⑤

x	-3	0	3
y	2	1	0

Two houses have the following roof designs:



Which roof is steeper?

Answers:

① $m = -1$

② $m = -\frac{4}{5}$

③ $m = 6$

④ $m = 0$

⑤ $m = -\frac{1}{3}$

House #1 has steeper slope, $\frac{1}{2} > \frac{1}{4}$