

Name Key
8A: Algebra 1

Date _____
Period _____

Do Now

1) The point $(k, 2)$ lies on the graph of $x + 2y = 5$. Find k

x, y

$$\begin{aligned} k + 2(2) &= 5 \\ k + 4 &= 5 \\ \underline{4 \quad -4} & \\ k &= 1 \end{aligned}$$

2) If two lines are parallel and the slope of one line is x , what is the product of their slopes?

$m = x$
 $m = x$

$$x \cdot x = \boxed{x^2}$$