Name: _____

Finding the Slope

Find the slope based on the given sets of points.

a $(-4,1)$ and $(2,2)$

m = _____

b $(-2,5)$ and $(1,-4)$

m = _____

c $(-2,1)$ and $(1,-1)$

d $(-1,-1)$ and $(3,-10)$

m = _____

m = _____

g $(0,1)$ and $(6,-8)$

m = _____

h $(-3,-2)$ and $(-3,2)$

m = _____

i $(6,-3)$ and $(8,-1)$

m = _____

j $(-5,1)$ and $(3,1)$

m = _____

Finding the Slope

Find the slope based on the given sets of points.

a (-4,1) and (2,2)

rise = 2 – 1   run = 2 – (-4)

= 1   = 6

$m = $ $\dfrac{1}{6}$

b (-2,5) and (1,-4)

rise = -4 – 5   run = 1 – (-2)

= -9   = 3

$m = $ $\dfrac{-9}{3}$ or $-\dfrac{9}{3}$ or $-\dfrac{3}{1}$ or **-3**

c (-2,1) and (1,-1)

d (-1,-1) and (3,-10)

Preview

Please log in to download
the printable version of this worksheet.

$m = $ $\dfrac{4}{6}$ or $\dfrac{2}{3}$

$m = $ $\dfrac{1}{4}$

g (0,1) and (6,-8)

rise = -8 – 1   run = 6 – 0

= -9   = 6

$m = $ $\dfrac{-9}{6}$ or $-\dfrac{9}{6}$ or $-\dfrac{3}{2}$

h (-3,-2) and (-3,2)

rise = 2 – (-2)   run = -3 – (-3)

= 4   = 0

$m = $ **undefined**

i (6,-3) and (8,-1)

rise = -1 – (-3)   run = 8 – 6

= 2   = 2

$m = $ $\dfrac{2}{2}$ or **1**

j (-5,1) and (3,1)

rise = 1 – 1   run = 3 – (-5)

= 0   = 8

$m = $ $\dfrac{0}{8}$ or **0**

KH