

Identify Slope and Intercept

L2S2

Write the slope and y-intercept of each equation.

1) $5 = \frac{x}{6} + \frac{y}{3}$

2) $51x + 34 = 17y$

3) $48x - 12 = 6y$

5) $4(15x + 25) = 20$

7) $x = \frac{12 + y}{18}$

9) $5y = -10x - 35$

10) $2y = \frac{4}{7}x + 2$

PREVIEWGain complete access to the largest
collection of worksheets in all subjects!Members, please
log in to
download this
worksheet.Not a member?
Please sign up to
gain complete
access.www.mathworksheets4kids.com

Identify Slope and Intercept

L2S2

Write the slope and y-intercept of each equation.

1) $5 = \frac{x}{6} + \frac{y}{3}$

2) $51x + 34 = 17y$

Slope = $-\frac{1}{2}$; y-intercept = 15

Slope = 3 ; y-intercept = 2

3) $48x - 12 = 6y$

4) $10x - 2 = 3y$

Slope = 8 ; y-intercept = 2

Slope = 3 ; y-intercept = $\frac{34}{3}$

5) $4(15x + 25) = 20y$

PREVIEW
Gain complete access to the largest
collection of worksheets in all subjects!

Slope = 3 ; y-intercept = 3

Slope = 3 ; y-intercept = 3

7) $x = \frac{12 + y}{18}$

Members, please
log in to
download this
worksheet.

Not a member?
Please sign up to
gain complete
access.

www.mathworksheets4kids.com

Slope = 18 ; y-intercept = -12

Slope = $-\frac{1}{6}$; y-intercept = $\frac{3}{2}$

9) $5y = -10x - 35$

10) $2y = \frac{4}{7}x + 2$

Slope = -2 ; y-intercept = -7

Slope = $\frac{2}{7}$; y-intercept = 1