

MCQ

Sheet 5

1) Identify the equation of a line having the x-intercept and the y-intercept as 6 and -3 respectively.

- a) $x + 2y = 6$ b) $x + 2y = -6$ c) $x - 2y = 6$ d) $x - 2y = -6$

2) Which of the following line cuts the y-axis at $y = 2$ and slope is 5?

- a) $5x + y = -2$ d) $5x - y = 2$

3) Identify the equation of a line that has a slope of -4 and passes through the point $(-1, 10)$.

PREVIEW

a) $4x + y - 10 = 0$

- a) $4x - y = 11$

- d) $x - 4y = 11$

4) The slope of a line is $-\frac{1}{2}$ and the line m that passes through the point $(-2, 16)$.

Access the largest collection of worksheets for just **\$19.95** per year!

a) $2x + y = 16$

- a) $6x + y = 16$

- d) $x - 6y = -16$

5) Which of the following is the equation of a line that has a slope of $\frac{1}{2}$ and passes through the point $(-2, 16)$?

Members, please log in to download this worksheet.

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

Log in

Sign up

a) $x + y = 16$

- a) $x + 2y = -16$

- d) $x + 2y = 16$

6) Which of the following is the equation of a line that has a slope of $-\frac{1}{2}$ and passes through the point $(-2, 16)$?

a) $x + y = 16$

- a) $x + y = -2$

- b) $x - y = 2$

- c) $x + y = -4$

- d) $x - y = 4$

7) The slope of a line s is 3 and is parallel to the line t which passes through the point $(7, 6)$. Which of the following represents the equation of the line t ?

- a) $x + 3y = 15$

- b) $3x - y = 15$

- c) $3x + y = 15$

- d) $x - 3y = -15$

Answer key

MCQ

Sheet 5

1) Identify the equation of a line having the x-intercept and the y-intercept as 6 and -3 respectively.

- a) $x + 2y = 6$ b) $x + 2y = -6$ c) $x - 2y = 6$ d) $x - 2y = -6$

2) Which of the following line cuts the y-axis at $y = 2$ and slope is 5?

- a) $5x + y = -2$ d) $5x - y = 2$

3) Identify the equation of a line that has a slope of -4 and passes through the point $(-1, 10)$.

- a) $4x - y = 11$

b) $4x + y - 10 = 0$

- d) $x - 4y = 11$

4) The slope of a line is $-\frac{1}{2}$ and the line m that passes through the point $(-2, 10)$.

- a) $6x + y = 16$

Access the largest collection of worksheets for just **\$19.95** per year!

5) Identify the equation of a line that has a slope of $-\frac{1}{2}$ and passes through the point $(-2, 10)$.

- d) $x - 6y = -16$

5) Which of the following is the equation of a line that has a slope of $\frac{1}{2}$ and passes through the point $(-2, 10)$?

- a) $x + 2y = -16$

6) Which of the following is the equation of a line that has a slope of $\frac{1}{2}$ and passes through the point $(-2, 10)$?

- d) $x + 2y = 16$

6) Which of the following is the equation of a line that has a slope of $\frac{1}{2}$ and passes through the point $(-2, 10)$?

- a) $x + y = -2$

- b) $x - y = 2$

- c) $x + y = -4$

- d) $x - y = 4$

7) The slope of a line s is 3 and is parallel to the line t which passes through the point $(7, 6)$. Which of the following represents the equation of the line t ?

- a) $x + 3y = 15$

- b) $3x - y = 15$

- c) $3x + y = 15$

- d) $x - 3y = -15$