



Slopes and Types for lines

Name _____ Date _____

(1)

Find the slope and type for line:

$$15x = -13 \underline{\hspace{2cm}}$$

(2)

Find the slope and type for line:

$$4x = -5y - 9 \underline{\hspace{2cm}}$$

(3)

Find the slope and type for line:

$$2x = -3y - 7 \underline{\hspace{2cm}}$$

(4)

Find the slope and type for line:

$$11x = -5y - 4 \underline{\hspace{2cm}}$$

(5)

Find the slope and type for line:

$$9x = 8y - 15 \underline{\hspace{2cm}}$$

(6)

Find the slope and type for line:

$$-3x = -5y - 17 \underline{\hspace{2cm}}$$

(7)

Find the slope and type for line:

$$-4x = 10y - 12 \underline{\hspace{2cm}}$$

(8)

Find the slope and type for line:

$$-5x = 3y - 20 \underline{\hspace{2cm}}$$



Answers

(1)

Find the slope and type for line:

$$15x = -13 \quad \underline{\hspace{2cm}} \quad \text{Slope: undefined, type for line: undefined}$$

(2)

Find the slope and type for line:

$$4x = -5y - 9 \quad \underline{\hspace{2cm}} \quad \text{Slope: } -4/5 \text{ , type for line: negative}$$

(3)

Find the slope and type for line:

$$2x = -3y - 7 \quad \underline{\hspace{2cm}} \quad \text{Slope: } -2/3 \text{ , type for line: negative}$$

(4)

Find the slope and type for line:

$$11x = -5y - 4 \quad \underline{\hspace{2cm}} \quad \text{Slope: } -11/5 \text{ , type for line: negative}$$

(5)

Find the slope and type for line:

$$9x = 8y - 15 \quad \underline{\hspace{2cm}} \quad \text{Slope: } 9/8 \text{ , type for line: positive}$$

(6)

Find the slope and type for line:

$$-3x = -5y - 17 \quad \underline{\hspace{2cm}} \quad \text{Slope: } 3/5 \text{ , type for line: positive}$$

(7)

Find the slope and type for line:

$$-4x = 10y - 12 \quad \underline{\hspace{2cm}} \quad \text{Slope: } -2/5 \text{ , type for line: negative}$$

(8)

Find the slope and type for line:

$$-5x = 3y - 20 \quad \underline{\hspace{2cm}} \quad \text{Slope: } -5/3 \text{ , type for line: negative}$$