



Slopes and Types for lines

Name _____ Date _____

(1)

Find the slope and type for line:

$$15x = 9y - 10 \quad \underline{\hspace{2cm}}$$

(2)

Find the slope and type for line:

$$15x = 10y - 3 \quad \underline{\hspace{2cm}}$$

(3)

Find the slope and type for line:

$$13x = 9y - 1 \quad \underline{\hspace{2cm}}$$

(4)

Find the slope and type for line:

$$11x = -7y - 1 \quad \underline{\hspace{2cm}}$$

(5)

Find the slope and type for line:

$$-14x = 2y - 1 \quad \underline{\hspace{2cm}}$$

(6)

Find the slope and type for line:

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

(7)

Find the slope and type for line:

$$10x = -8y - 8 \quad \underline{\hspace{2cm}}$$

(8)

Find the slope and type for line:

$$-3x = -5y - 18 \quad \underline{\hspace{2cm}}$$



Answers

(1)

Find the slope and type for line:

$$15x = 9y - 10 \quad \underline{\hspace{2cm}} \quad \text{Slope: } 5/3, \text{ type for line: positive}$$

(2)

Find the slope and type for line:

$$15x = 10y - 3 \quad \underline{\hspace{2cm}} \quad \text{Slope: } 3/2, \text{ type for line: positive}$$

(3)

Find the slope and type for line:

$$13x = 9y - 1 \quad \underline{\hspace{2cm}} \quad \text{Slope: } 13/9, \text{ type for line: positive}$$

(4)

Find the slope and type for line:

$$11x = -7y - 1 \quad \underline{\hspace{2cm}} \quad \text{Slope: } -11/7, \text{ type for line: negative}$$

(5)

Find the slope and type for line:

$$-14x = 2y - 1 \quad \underline{\hspace{2cm}} \quad \text{Slope: } -7, \text{ type for line: negative}$$

(6)

Find the slope and type for line:

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

(7)

Find the slope and type for line:

$$10x = -8y - 8 \quad \underline{\hspace{2cm}} \quad \text{Slope: } -5/4, \text{ type for line: negative}$$

(8)

Find the slope and type for line:

$$-3x = -5y - 18 \quad \underline{\hspace{2cm}} \quad \text{Slope: } 3/5, \text{ type for line: positive}$$