



Slopes and Types for lines

Name _____ Date _____

(1)

Find the slope and type for line:

$$-5x = -4y - 15 \quad \underline{\hspace{2cm}}$$

(2)

Find the slope and type for line:

$$14x = -6y - 12 \quad \underline{\hspace{2cm}}$$

(3)

Find the slope and type for line:

$$-12x = 9y - 1 \quad \underline{\hspace{2cm}}$$

(4)

Find the slope and type for line:

$$-9x = 3y - 15 \quad \underline{\hspace{2cm}}$$

(5)

Find the slope and type for line:

$$3x = 10y - 7 \quad \underline{\hspace{2cm}}$$

(6)

Find the slope and type for line:

$$-4x = 3y - 4 \quad \underline{\hspace{2cm}}$$

(7)

Find the slope and type for line:

$$-9x = -6y - 3 \quad \underline{\hspace{2cm}}$$

(8)

Find the slope and type for line:

$$-14x = 4y - 13 \quad \underline{\hspace{2cm}}$$



Answers

- (1)
Find the slope and type for line:
 $-5x = -4y - 15$ Slope: $5/4$, type for line: positive
- (2)
Find the slope and type for line:
 $14x = -6y - 12$ Slope: $-7/3$, type for line: negative
- (3)
Find the slope and type for line:
 $-12x = 9y - 1$ Slope: $-4/3$, type for line: negative
- (4)
Find the slope and type for line:
 $-9x = 3y - 15$ Slope: -3 , type for line: negative
- (5)
Find the slope and type for line:
 $3x = 10y - 7$ Slope: $3/10$, type for line: positive
- (6)
Find the slope and type for line:
 $-4x = 3y - 4$ Slope: $-4/3$, type for line: negative
- (7)
Find the slope and type for line:
 $-9x = -6y - 3$ Slope: $3/2$, type for line: positive
- (8)
Find the slope and type for line:
 $-14x = 4y - 13$ Slope: $-7/2$, type for line: negative