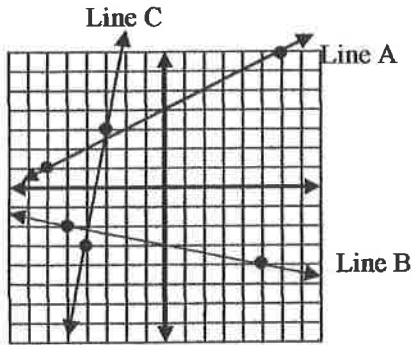


Find the slope of the lines in the drawing. Let each square be one unit. Write as a fraction in simplest form. Find the y-intercept. Write the equation of the line in slope-intercept form.



- 1a. Line A: Slope = _____
- b. Line A: y-intercept = _____
- c. Line A: Equation = _____
- 2a. Line B: Slope = _____
- b. Line B: y-intercept = _____
- c. Line B: Equation = _____
- 3a. Line C: Slope = _____
- b. Line C: y-intercept = _____
- c. Line C: Equation = _____

Write the equation of the line between the two points. Show your work.

4. (3,6) and (5,10)

5. (2,7) and (4,13)

6. (-3,6) and (3,8)

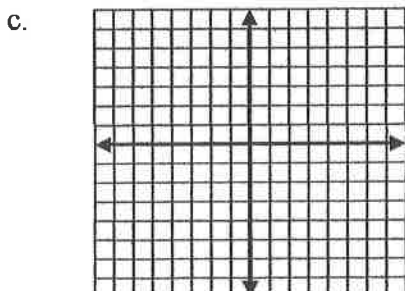
7. (-6,2) and (2,-10)

Graph the following lines.

8. $y = \frac{2}{3}x + 6$

a. slope = _____

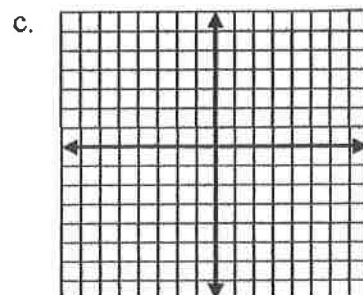
b. y-intercept = _____



9. $y = -\frac{1}{2}x$

a. slope = _____

b. y-intercept = _____



Write each equation in slope intercept form.

10. $4x + 3y = 6$

11. $7x - 2y = 21$

Find the mean, median, and mode of the list of numbers.

12. 17, 15, 19, 25, 10, 65, 18, 18, 9, 10, 18

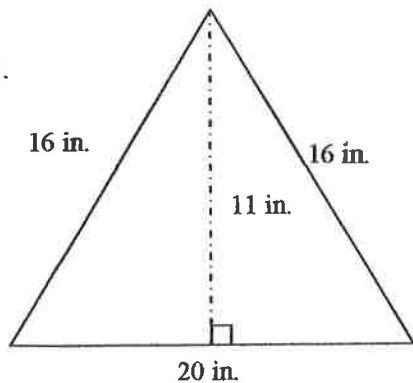
Mean = _____

Median = _____

Mode = _____

Find the Area and Perimeter of each shape. Show all work!

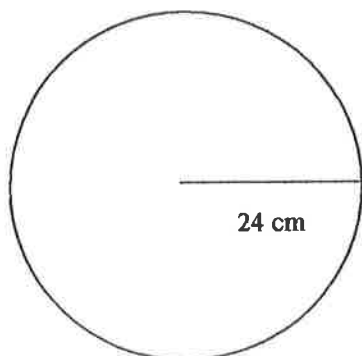
13.



Area = _____

Perimeter = _____

14.



Area = _____

Circumference = _____