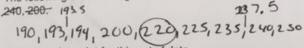
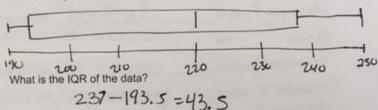
Unit 9 Study Guide: CC2 Ch 8 & CC3 Ch 9.1

Box & Whisker Plot

The following are the weights of football players: 220, 225, 190, 193, 194, 250, 235,



Make a box plot for this set of data.



What percent of players weigh inside the IQR?

50%

4, 4, 5, 5, 6, 6, 7, 7, 8, 8, 10, 14 Make a box plot for this set of data.

What is the IQR of the data?

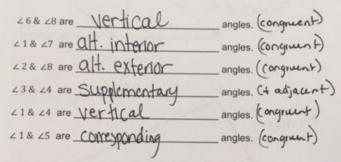
8-5=3

What percent of poppies take longer than the Q3 to sprout?

25%

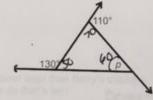
Types of Angles

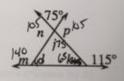




Finding Angle Measures







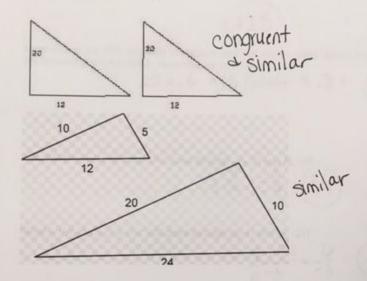
1. 100 a 80°

55 b 35°

75 d 75°

Congruent & Similar Figures

Congruent, Similar, or Neither?



Review

Burt's chickens lay 40% fewer eggs than Berry's chickens. If Berry's chickens lay 50 eggs per week, how many do Burt's lay?

Berry • . b = Bur+

Sam bought a jacket, which was 1/4 off the original price. If Sam paid \$18.75, what was the original price?

Becky buys a pair of shoes that are 40% off the original price. If he paid \$15, what was the original price? $10 \times = 15$

My chickens ate 40% of a 25lb of chicken feed last month. Last month, they ate 70% of the remaining chicken feed. How much is left now?

What is the slope of a line that goes through (-3, 2) and (6, 4)?

through (-3, 2) and (6, 4)?
$$\frac{2-4}{-3+6} = \frac{-2}{-9} = \frac{2}{9}$$

What is the slope of a line that goes through (0, 4) and (3, -2)?

What is the slope of a line that goes through (5, 4) and (6, 2)?

$$\frac{4-3}{5-6} = \frac{2}{-1} = 2$$

What is the slope of a line that goes through (2, 5) and (3, -2)?

Simplify:
$$x^2y^5 \cdot x^3y^2$$

 $\chi^5 y^4$

$$x-2(3x-4) = x+2-6$$

 $x-6x+8 = x-4$
 $-5x+8 = x-4$
 $+5x+4+5x+4$
 $12 = 6x$

$$0 \left(\frac{\frac{2x}{6} + \frac{2x}{4} + 3 = -1}{\frac{1}{3}x + \frac{1}{2}x + 3 = -1}\right) \left(\frac{\frac{3x}{5} + \frac{2x}{4} + 2 = 6}{\frac{5}{5}}\right) = 0$$

$$2x + 3x + 18 = -6$$

$$2x + 3x + 18 = -6$$

$$12x + 10x + 4$$

$$2 \times +3 \times +18 = -6$$

$$5 \times +18 = -6$$

$$5 \times +18 = -6$$

$$5 \times = -24$$
simplify $3(2+1) + 3(3) - 3^2$

Simplify
$$(x^3y^4z^6)^7$$

$$x - (x + 2) = x + 3 - 7$$

$$x-x-2=x-4$$

$$\left(\frac{3x}{5} + \frac{2x}{4} + 2 = 6\right) 20$$

Simplify
$$-2^3 + 5 + 2(-2)$$