



Sept 22

p. 142 2001 Algebra

$$a = 3$$

$$b = 6$$

$$c = -\frac{1}{2}$$

$$a(b+c)$$

$$= 3 \left( 6x^2 - \frac{1}{2} \right)$$

$$= 3 \left( \frac{12}{2}x^2 - \frac{1}{2} \right)$$

$$= \frac{3}{1} \left( \frac{11}{2} \right)$$
$$= \frac{33}{2}$$

P. 185 Mean, Median, Mode

Mean = average

Median is the middle number  
When a set of numbers is  
arranged in order

Mode - the most frequently occurring

P.185 Which measure of central tendency?

a) the most requested song mode

b) the marks 12, 80, 82, 84, 87 median

c) the most popular BB cap size mode

d) the mass of an adult elephant mean

e) the typical salary paid by

f) bowling ability mean a company median

7. 21, 25, 27, 26, 25

least to greatest:

$$\cancel{21} + \cancel{25} + \textcircled{25} + \cancel{26} + \cancel{27} = \frac{124}{5}$$

$$\text{Mean} = 24.8$$

$$\text{Median} = 25$$

$$\text{Mode} = 25$$

$$\text{Range: } 27 - 21 = 6$$

Do 9 Mean  
Median

Mode

Range

Homework p. 142

p. 185

8, 10, 11

Quiz → BEDMAS with fractions

$$216, \quad x=0.5, \quad y=7.2, \quad z=-1.8$$

$$xy + xz$$

$$= (0.5)(7.2) + (0.5)(-1.8)$$

$$= 3.6 + (-0.9)$$

$$= 2.7$$