

Homework # 44  
 Assignment: p99-102 1-9, 14


Date: 10/1  
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Bell Work

Directions: Please match the following.

- A. B C The opposite of negative five squared.  
 B.  $(-5)^2$  B Negative five squared  
 C.  $-(-5)^2$  A The opposite of five squared.

Directions: Please simplify the following.

C  $2a - 9 - 12 + 15a$        $-3x - 8 - 4x - 12$   
 $17a - 21$        $-7x - 20$        Answers



Bell Work-Answers

Directions:

Essential Questions

Objectives/Skills

The students will comprehend the use of proportions.

Let's Crunch These On the Calculator

Heights
72
60
60
64
59
64
67
64.5
62
65
69
64
68.5
56
74
70

Min 56  
 Q1 61  
 Median 64.25  
 Q3 69.75  
 Max 74  
 mean  $\rightarrow$  64.9375 IQR



```

Var Stats
x̄=64.9375
Σx=1039
Σx²=67836.5
Sx=4.942587042
σx=4.785639325
n=16
  
```

Go to Station Activity

From your station activity answer the following.

When you have two equal fractions you can.....

Flip one of the fractions and always maintain equality True **False**

Flip both of the fractions and always maintain equality **True** False

Switch the numerator of one with the denominator of the other and always maintain equality. **True** False

Switch the denominators and always maintain equality. True **False**

Example of Homework

2. Ms. Lenz collected information about the students in her class.

	Eye Color			
	Brown eyes	Blue eyes	Hazel eyes	
9th graders	12	8	4	24
8th graders	15	9	6	30
	27	17	10	54

Write these ratios as fractions.

- a. ninth graders with brown eyes to ninth graders ⓐ
- b. eighth graders with brown eyes to students with brown eyes
- c. eighth graders with blue eyes to ninth graders with blue eyes ⓐ
- d. all students with hazel eyes to students in both grades

a.  $\frac{12}{9} = \frac{4}{3}$       b.  $\frac{15}{27} = \frac{5}{9}$   
 c.  $\frac{9}{15} = \frac{3}{5}$       d.  $\frac{10}{54} = \frac{5}{27}$

1 2 3 4 5 6 7 8 9 10

$$\frac{a}{b} = \frac{c}{d}$$

a b c d

$$\frac{3}{6} = \frac{2}{4}$$

$$\frac{6}{3} = \frac{4}{2}$$

$$\frac{2}{3} = \frac{4}{6}$$

$$\frac{6}{3} = \frac{4}{2}$$

$$\frac{4}{6} = \frac{2}{3}$$

$$\frac{a}{b} = \frac{c}{d}$$

if ↓

then  
 $ad = cb$

AND  
 you can  
 move on a  
 bowtie



Time Table

→ 0-5	Bell Work
→ 5-10	
→ 10-20	
→ 20-30	
→ 30-40	
→ 40-50	
→ 50-60	
→ 60-70	
→ 70-80	
→ 80-90	



"If you fail to plan, then you plan to fail"