



Day 9

May the odds be always in your favor

District 1: Fractions

$$\frac{1}{2} + \frac{3}{7} + \frac{2}{35} =$$

$$\frac{4}{3} \times \frac{15}{8} \times \frac{2}{5} =$$

District 2: Integers

$$-64 + 7 =$$

$$21 - (-3) =$$

$$(-11) \times 4 =$$

$$-90 \div 3 =$$

District 3: Order of Operations

$$[-2(12 \div 2)^2] + 5 =$$

District 4: One Step Equations

$$g - 12 = 18$$

$$\frac{9}{11}x = 3$$

District 5: Two Step Equations

$$4y - 9 = -29$$

$$\frac{1}{2}p + 6 = -8$$

District 6: Multi Step Equations

$$-5(4x - 2) = -2(3 + 6x)$$

$$30 = -5(6n + 6)$$

District 7: Proportions

$$\frac{1}{15} = \frac{x}{100}$$

$$\frac{9}{60} = \frac{6}{x}$$

District 8: Percentages

Write as a percent:

$$.999 =$$

$$1.5 =$$

$$\frac{52}{100} =$$

$$\frac{1}{25} =$$

What is 100% of 967?

What is 5% of 850?

District 9: Statistics

Find the mean, median, and mode of the following set of numbers:

9, 8, 6, 4, 7, 12, 12

Mean= _____

Median = _____

Mode = _____