



Day 10

May the odds be always in your favor

District 1: Fractions

$$\frac{9}{10} - \frac{3}{5} - \frac{2}{15} =$$

$$\frac{2}{7} \times \frac{3}{8} \div \frac{2}{21} =$$

District 2: Integers

$$(-9) + (-44) =$$

$$21 - 72 =$$

$$(-20) \times (-90) =$$

$$52 \div (-4) =$$

District 3: Order of Operations

$$\frac{3(5-2)+7}{9-(6-4)^3} =$$

District 4: One Step Equations

$$x - 9 = -20$$

District 5: Two Step Equations

$$\frac{3}{5}p - 9 = 15$$

District 6: Multi Step Equations

$$-11 - 5a = 6(5a + 4)$$

$$0 = -5n - 2n$$

District 7: Proportions

$$\frac{1}{12} = \frac{6.5}{x}$$

How many inches are in 6.5 feet? _____

District 8: Percentages

What is 1000% of 32?

What is 25% of 80?

50 is 40% of what number?

75 is what percent of 200?

District 9: Statistics

Find the mean, median, and mode of the following set of numbers: 30, 15, 92, 62, 41, 92, 41, 15, 21, 94, 64, 12, 15, 6

Mean= _____

Median = _____

Mode = _____

District 10: Graphing Points

Graph the following Points:

(0, 9) (9, 0) (0, -9) (-9, 0) (8, 4) (-8, -4) (-8, 4) (8, -4)
(3, 8) (3, -8) (-3, 8) (-3, -8) (6, 6) (-6, -6) (6, -6) (-6, 6)

(-9, -8) (6, -3) (0, -5) (4, -4) (-8, -7) (-8, -8) (5, -3) (5, -4) (7, -3) (7, -4)

