



Day 8

May the odds be always in your favor

District 1: Fractions

$$\frac{-3}{5} + \frac{-2}{7} =$$

$$\frac{-8}{5} \div \frac{-9}{10} =$$

District 2: Integers

$$16 - (-9) =$$

$$-5 - (-3) =$$

$$12 \times 5 =$$

$$0 \div 19,867 =$$

District 3: Order of Operations

$$[-8 - 2(3 - 5)^2] + 7 =$$

District 4: One Step Equations

$$f - 5 = 72$$

$$\frac{7}{5}y = 14$$

District 5: Two Step Equations

$$8n + 7 = 31$$

$$\frac{m}{9} - 1 = -40$$

District 6: Multi Step Equations

$$4(-x + 4) = 12$$

$$-5n - 8(1 + 7n) = -8$$

District 7: Proportions

$$\frac{5}{20} = \frac{x}{100}$$

$$\frac{5}{60} = \frac{10}{x}$$

District 8: Percentages

Write as a percent:

$$.81 =$$

$$.22 =$$

$$1.02 =$$

$$.0003 =$$

$$\frac{87}{100} =$$

$$\frac{12}{100} =$$

$$\frac{1}{50} =$$

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

What is 12% of 50

What is 50% of 600?