

I. PEMDAS

Evaluate:

$$6^2 + (17 - 4) \times (-5)$$

$$28 - (2^3 + 19) + 7$$

$$36 \div (5^2 - 4^2)$$

II. Equations

Solve for a.

$$a - 18 = 25$$

$$-10 + a = 32$$

$$16a = 80$$

$$\frac{a}{32} = -3$$

III. Rational Numbers

Compare:

$$2\frac{3}{4} \quad \underline{\hspace{1cm}} \quad 2.5 \qquad 0.92 \quad \underline{\hspace{1cm}} \quad \frac{7}{11}$$

Arrange in ascending order. WRITE the DECIMALS only.

$$0.35, \quad \frac{4}{5}, \quad 0.7$$

$$3\frac{3}{6}, \quad 3\frac{4}{9}, \quad 3.75$$

Word Problem:

I am thinking of a number. When I multiply it by 5 and subtract 17, the answer is 58. What is the number?