

## Answer on Question #61710 – Math – Algebra

### Question

For homework, Bill's math teacher assigned 42 problems. He finished  $\frac{5}{6}$  of them. How many problems did he do?

### Solution

To solve the problem, we need to find what is  $\frac{5}{6}$  of 42.

Finding the fraction of a number is the same as multiplying the number by the fraction. So we have

$$42 \cdot \frac{5}{6} = \frac{42 \cdot 5}{6} = \frac{42}{6} \cdot 5 = 7 \cdot 5 = 35.$$

Bill did 35 problems.

**Answer:** 35 problems.