

Answer on Question #58519 – Math – Algebra

Question

6 tractors take 11 days to collect the harvest. How long would it take 18 tractors to do the same amount of work?

Solution

We see that in the second case we have $\frac{18}{6} = 3$ times amount of tractors. Hence, they will do work 3 times faster:

$$\frac{11}{3} = 3\frac{2}{3} \text{ (days).}$$

Answer: 18 tractors take $3\frac{2}{3}$ days to collect the harvest.