

Homework 24.



- Cyclist is riding a bicycle at a speed of $15 \frac{km}{h}$. How far can he go in
a. $\frac{1}{3}$ of an hour; b. $1\frac{1}{2}$ of an hour; c. $\frac{3}{10}$ of an hour; d. $2\frac{2}{5}$ of an hour;
- Evaluate:
a. $\frac{8}{9} : \left(\frac{3}{4} + \frac{1}{2}\right)$; b. $\frac{4}{15} : \left(1\frac{1}{5} - \frac{2}{3}\right)$;
c. $\left(\frac{2}{3} + \frac{2}{7}\right) : 1\frac{1}{14}$; d. $\left(\frac{3}{5} - \frac{12}{25}\right) : \frac{4}{5}$;
- Represent the number $\frac{3}{5}$ as a sum of two numbers, difference of two numbers, product of two numbers, quotient (the result of division) of two numbers).
- Mother can peel potatoes for dinner in 16 minutes, while her son needs 48 minutes to do it alone. How quickly can they do it together?
- Two friends, Alex and John, live in two different villages. At noon on Sunday, they started moving toward each other. Alex rode his bicycle while John walked. Alex needs 16 minutes to ride from one village to the other, while John needs 48 minutes to walk between the villages. What time will they meet?
- What is the last digit of the product of all odd numbers from 1 to 2023?
- Father and son together are 90 years old. Son was born when his father was 30 years old. How old they are?

