

Uzupełnij

a) $\frac{1}{4} + \frac{1}{4} = \frac{\boxed{}}{\boxed{}}$, więc $2 \cdot \frac{\boxed{1}}{\boxed{4}} = \frac{\boxed{2}}{\boxed{4}}$

b) $\frac{2}{5} + \frac{2}{5} = \frac{\boxed{}}{\boxed{}}$, więc $\boxed{} \cdot \frac{2}{5} = \frac{\boxed{}}{\boxed{}}$

c) $\frac{2}{7} + \frac{2}{7} + \frac{2}{7} = \frac{\boxed{}}{\boxed{}}$, więc $3 \cdot \frac{\boxed{}}{7} = \frac{\boxed{}}{\boxed{}}$

d) $\frac{3}{17} + \frac{3}{17} + \frac{3}{17} + \frac{3}{17} = \frac{\boxed{}}{\boxed{}}$, więc $\boxed{} \cdot \frac{\boxed{}}{17} = \frac{\boxed{}}{\boxed{}}$

Pomnóż.

$3 \cdot \frac{2}{7} = \frac{3 \cdot 2}{7} = \frac{\boxed{6}}{\boxed{7}}$

$\frac{3}{25} \cdot 8 = \frac{3 \cdot 8}{25} = \frac{\boxed{}}{\boxed{}}$

$2 \cdot \frac{1}{5} = \frac{2 \cdot 1}{5} = \frac{\boxed{}}{\boxed{}}$

$\frac{8}{33} \cdot 4 = \frac{\boxed{} \cdot \boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$

$5 \cdot \frac{3}{19} = \frac{5 \cdot \boxed{}}{19} = \frac{\boxed{}}{\boxed{}}$

$\frac{1}{17} \cdot 6 = \frac{\boxed{} \cdot \boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$

$6 \cdot \frac{2}{13} = \frac{6 \cdot 2}{13} = \frac{\boxed{}}{\boxed{}}$

$\frac{3}{31} \cdot 7 = \frac{\boxed{} \cdot \boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$

Mnożenie ułamków zwykłych przez liczbę naturalną

Pomnóż. Wynik zapisz w postaci liczby mieszanej

$$3 \cdot \frac{2}{5} = \frac{3 \cdot 2}{5} = \frac{6}{5} = 1 \frac{1}{5}$$

$$\frac{2}{3} \cdot 8 = \frac{\square \cdot \square}{\square} = \frac{\square}{\square} = \square \frac{\square}{\square}$$

$$4 \cdot \frac{3}{7} = \frac{4 \cdot \square}{7} = \frac{\square}{\square} = \square \frac{\square}{\square}$$

$$\frac{4}{5} \cdot 3 = \frac{\square \cdot \square}{\square} = \frac{\square}{\square} = \square \frac{\square}{\square}$$

$$2 \cdot \frac{4}{5} = \frac{\square \cdot \square}{5} = \frac{\square}{\square} = \square \frac{\square}{\square}$$

$$\frac{7}{10} \cdot 7 = \frac{\square \cdot \square}{\square} = \frac{\square}{\square} = \square \frac{\square}{\square}$$

Które liczby można skrócić? Skróć te liczby i zapisz wyniki skracania w małym okienku. Dokończ obliczenia.

$$5 \cdot \frac{2}{15} = \frac{\overset{1}{\cancel{5}} \cdot 2}{\underset{3}{\cancel{15}}} = \frac{1 \cdot 2}{3} = \frac{2}{3}$$

$$\frac{3}{20} \cdot 5 = \frac{\overset{\square}{3} \cdot \overset{\square}{5}}{\underset{\square}{20}} = \frac{\square \cdot \square}{\square} = \frac{\square}{\square}$$

$$\frac{3}{8} \cdot 4 = \frac{\overset{\square}{3} \cdot \overset{\square}{4}}{\underset{\square}{8}} = \frac{\square \cdot \square}{\square} = \frac{\square}{\square}$$

$$\frac{4}{7} \cdot 7 = \frac{\overset{\square}{4} \cdot \overset{\square}{7}}{\underset{\square}{7}} = \frac{\square \cdot \square}{\square} = \frac{\square}{\square}$$

$$8 \cdot \frac{1}{6} = \frac{\overset{\square}{8} \cdot \overset{\square}{1}}{\underset{\square}{6}} = \frac{\square \cdot \square}{\square} = \frac{\square}{\square}$$

$$3 \cdot \frac{4}{15} = \frac{\overset{\square}{3} \cdot \overset{\square}{4}}{\underset{\square}{15}} = \frac{\square \cdot \square}{\square} = \frac{\square}{\square}$$