

Tört szorzása természetes számmal + ismétlés

1. Végezd el a szorzásokat! Ha lehet, egyszerűsíts ill. írd az eredményt vegyes tört alakba!

$$(1) \frac{8}{9} \times 6 = \text{---} = \text{---} = \text{---}$$

$$(2) \frac{1}{5} \times 4 = \text{---}$$

$$(3) \frac{5}{7} \times 2 = \text{---} = \text{---}$$

$$(4) \frac{5}{12} \times 8 = \text{---} = \text{---} = \text{---}$$

$$(5) \frac{2}{3} \times 7 = \text{---} = \text{---}$$

$$(6) \frac{3}{7} \times 7 = \text{---} = \text{---}$$

$$(7) 6 \times \frac{2}{3} = \text{---} = \text{---}$$

$$(8) \frac{1}{10} \times 5 = \text{---} = \text{---}$$

$$(9) \frac{2}{13} \times 8 = \text{---} = \text{---}$$

$$(10) 5 \times \frac{1}{2} = \text{---} = \text{---}$$

$$(11) \frac{5}{6} \times 5 = \text{---} = \text{---}$$

$$(12) \frac{12}{13} \times 7 = \text{---} = \text{---}$$

$$(13) \frac{1}{2} \times 2 = \text{---} = \text{---}$$

$$(14) 8 \times \frac{5}{9} = \text{---} = \text{---}$$

$$(15) \frac{1}{4} \times 5 = \text{---} = \text{---}$$

$$(16) \frac{1}{2} \times 6 = \text{---} = \text{---}$$

$$(17) 2 \times \frac{5}{6} = \text{---} = \text{---} = \text{---}$$

$$(18) \frac{2}{7} \times 5 = \text{---} = \text{---}$$

$$(19) \frac{4}{9} \times 5 = \text{---} = \text{---}$$

$$(20) \frac{1}{4} \times 6 = \text{---} = \text{---} = \text{---}$$

2. Végezd el a bővítéseket!

$$(1) \frac{1}{8} = \frac{2}{\quad}$$

$$(2) \frac{4}{5} = \frac{48}{\quad}$$

$$(3) \frac{8}{13} = \frac{\quad}{65}$$

$$(4) \frac{2}{3} = \frac{\quad}{21}$$

$$(5) \frac{3}{4} = \frac{36}{\quad}$$

$$(6) \frac{1}{11} = \frac{\quad}{22}$$

$$(7) \frac{1}{4} = \frac{\quad}{40}$$

$$(8) \frac{1}{2} = \frac{10}{\quad}$$

$$(9) \frac{7}{11} = \frac{49}{\quad}$$

$$(10) \frac{1}{3} = \frac{\quad}{39}$$

$$(11) \frac{9}{11} = \frac{\quad}{44}$$

$$(12) \frac{11}{12} = \frac{\quad}{60}$$

$$(13) \frac{1}{6} = \frac{\quad}{30}$$

$$(14) \frac{7}{12} = \frac{\quad}{36}$$

$$(15) \frac{7}{9} = \frac{35}{\quad}$$

$$(16) \frac{3}{8} = \frac{\quad}{24}$$

3. Végezd el a törtek összeadását, kivonását! Ha lehet, egyszerűsíts ill. írd át vegyes tört alakba a végeredményt!

$$a. \frac{2}{6} + \frac{7}{12} = \frac{\quad}{\quad} + \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

$$b. \frac{7}{7} - \frac{4}{8} = \frac{\quad}{\quad} - \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

$$c. \frac{8}{10} + \frac{4}{7} = \frac{\quad}{\quad} + \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

$$d. \frac{2}{15} - \frac{4}{7} = \frac{\quad}{\quad} - \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

$$e. \frac{5}{9} + \frac{4}{5} = \frac{\quad}{\quad} + \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

$$f. \frac{4}{10} - \frac{2}{5} = \frac{\quad}{\quad} - \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

$$g. \frac{4}{6} + \frac{8}{9} = \frac{\quad}{\quad} + \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

$$h. \frac{6}{14} - \frac{5}{13} = \frac{\quad}{\quad} - \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

4. Egyszerűsíts!

(1) $\frac{12}{16} = \text{---}$ (2) $\frac{6}{10} = \text{---}$ (3) $\frac{6}{42} = \text{---}$ (4) $\frac{4}{6} = \text{---}$ (5) $\frac{5}{10} = \text{---}$

(6) $\frac{35}{49} = \text{---}$ (7) $\frac{24}{30} = \text{---}$ (8) $\frac{6}{18} = \text{---}$ (9) $\frac{6}{14} = \text{---}$ (10) $\frac{42}{49} = \text{---}$

(11) $\frac{6}{30} = \text{---}$ (12) $\frac{10}{25} = \text{---}$ (13) $\frac{30}{36} = \text{---}$ (14) $\frac{12}{21} = \text{---}$ (15) $\frac{8}{28} = \text{---}$

5. Írd vegyes tört alakba!

(1) $\frac{5}{2} = \text{---}$ (2) $\frac{11}{3} = \text{---}$ (3) $\frac{19}{6} = \text{---}$ (4) $\frac{27}{7} = \text{---}$

(5) $\frac{8}{5} = \text{---}$ (6) $\frac{18}{7} = \text{---}$ (7) $\frac{17}{6} = \text{---}$ (8) $\frac{22}{7} = \text{---}$

(9) $\frac{19}{5} = \text{---}$ (10) $\frac{4}{3} = \text{---}$ (11) $\frac{9}{4} = \text{---}$ (12) $\frac{11}{4} = \text{---}$