

Datum: *do 5. 2. 2021*

Jméno:

Dyslektici nemusí počítat **modré příklady**.

1) Převed' zlomky na základní tvar:

$$\frac{8}{12} \stackrel{:4}{=} \frac{2}{3}$$

$$\frac{15}{30} \stackrel{:5}{=} \frac{3}{6} \stackrel{:3}{=} \frac{1}{2}$$

$$\frac{16}{10} \stackrel{:2}{=} \frac{8}{5}$$

$$\frac{27}{36} \stackrel{:9}{=} \frac{3}{4}$$

$$\frac{32}{28} \stackrel{:4}{=} \frac{8}{7}$$

$$\frac{60}{24} \stackrel{:12}{=} \frac{5}{2}$$

$$\frac{13}{20} = \text{zákl. tvar}$$

$$\frac{27}{45} \stackrel{:9}{=} \frac{3}{5}$$

$$\frac{32}{37} = \text{zákl. tvar}$$

2) Převed' zlomky na smíšená čísla:

$$\frac{15}{4} = 3\frac{3}{4}$$

15 : 4 = 3 × 6 : 3

$$\frac{28}{9} = 3\frac{1}{9}$$

28 : 9 = 3 × 6 : 1

$$\frac{19}{2} = 9\frac{1}{2}$$

$$\frac{32}{7} = 4\frac{4}{7}$$

$$\frac{64}{8} = 8 = 8\frac{0}{8}$$

$$\frac{19}{2} = 9\frac{1}{2}$$

19 : 2 = 9 × 6 : 1

$$\frac{39}{5} = 7\frac{4}{5}$$

3) Převed' smíšená čísla na zlomky:

$$3\frac{1}{6} = \frac{3 \cdot 6 + 1}{6} = \frac{19}{6}$$

$$7\frac{2}{9} = \frac{7 \cdot 9 + 2}{9} = \frac{65}{9}$$

$$2\frac{4}{5} = \frac{2 \cdot 5 + 4}{5} = \frac{14}{5}$$

$$11\frac{2}{3} = \frac{33 + 2}{3} = \frac{35}{3}$$

$$5\frac{3}{8} = \frac{40 + 3}{8} = \frac{43}{8}$$

$$1\frac{6}{10} = \frac{10 + 6}{10} = \frac{16}{10}$$

4) Sečti zlomky a výsledek uveď v základním tvaru:

$$\frac{2}{5} + \frac{7}{5} = \frac{2+7}{5} = \frac{9}{5}$$

$$\frac{4}{7} + \frac{6}{7} = \frac{4+6}{7} = \frac{10}{7}$$

$$\frac{13}{6} + \frac{5}{6} = \frac{13+5}{6} = \frac{18}{6} = \frac{3}{1} = 3$$

$$\frac{15}{8} + \frac{9}{8} = \frac{15+9}{8} = \frac{24}{8} = \frac{3}{1} = 3$$

$$\frac{7}{9} + \frac{3}{4} = \frac{4 \cdot 7}{36} + \frac{3 \cdot 9}{36} = \frac{28+27}{36} = \frac{55}{36}$$

$$\frac{8}{3} + \frac{7}{5} = \frac{8 \cdot 5}{15} + \frac{3 \cdot 7}{15} = \frac{40+21}{15} = \frac{61}{15}$$

$$\frac{11}{12} + \frac{3}{8} = \frac{11 \cdot 2}{24} + \frac{3 \cdot 3}{24} = \frac{22+9}{24} = \frac{31}{24}$$

$$\frac{5}{6} + \frac{11}{15} = \frac{5 \cdot 5}{30} + \frac{11 \cdot 2}{30} = \frac{25+22}{30} = \frac{47}{30}$$