

תרגול שברים פשוטים 2

1. $\frac{2}{8} - \frac{5}{4} =$

2. $\frac{2}{21} + \frac{4}{63} =$

3. $\frac{9}{13} \times \frac{11}{66} =$

4. $\frac{3}{11} + \frac{3}{5} =$

5. $\frac{10}{22} \times \frac{121}{130} =$

6. $\frac{4}{39} \div \frac{4}{3} =$

7. $\frac{2}{4} - \frac{7}{18} =$

8. $\frac{23}{24} \div \frac{115}{120} =$

9. $1 - \frac{1}{2} \times \frac{52}{78} =$

10. $\frac{\left(\frac{1}{3} - \frac{1}{5}\right)}{\left(\frac{1}{8} + \frac{1}{2}\right)} - 1 =$

פתרונות

$$1. \frac{2}{8} - \frac{5}{4} = \frac{2-10}{8} = \frac{-8}{8} = -1$$

$$2. \frac{2}{21} + \frac{4}{63} = \frac{6}{63} + \frac{4}{63} = \frac{10}{63}$$

$$3. \frac{9}{13} \times \frac{11}{66} = \frac{9}{13} \times \frac{1}{6} = \frac{3}{13 \times 2} = \frac{3}{26}$$

$$4. \frac{3}{11} + \frac{3}{5} = \frac{15+33}{55} = \frac{48}{55}$$

$$5. \frac{10}{22} \times \frac{121}{130} = \frac{121}{22 \times 13} = \frac{11}{2 \times 13} = \frac{11}{26}$$

$$6. \frac{4}{39} \div \frac{4}{3} = \frac{4}{39} \times \frac{3}{4} = \frac{3}{39} = \frac{1}{13}$$

$$7. \frac{2}{4} - \frac{7}{18} = \frac{1}{2} - \frac{7}{18} = \frac{9-7}{18} = \frac{2}{18} = \frac{1}{9}$$

$$8. \frac{23}{24} \div \frac{115}{120} = \frac{23}{24} \times \frac{120}{115} = \frac{23}{24} \times \frac{24}{23} = 1$$

$$9. 1 - \frac{1}{2} \times \frac{52}{78} = 1 - \frac{26}{78} = \frac{78-26}{78} = \frac{52}{78} = \frac{26}{39} = \frac{2}{3}$$

$$10. \frac{\left(\frac{1}{3} - \frac{1}{5}\right)}{\left(\frac{1}{8} + \frac{1}{2}\right)} - 1 = \frac{\left(\frac{5-3}{15}\right)}{\left(\frac{1+4}{8}\right)} - 1 = \frac{\left(\frac{2}{15}\right)}{\left(\frac{5}{8}\right)} - 1 = \frac{16}{75} - 1 = \frac{16-75}{75} = -\frac{59}{75}$$