

שברים פשוטים וחילוק ארוך

שברים פשוטים:

אחד על אחד

1. $\frac{3}{2} - \frac{2}{3} =$

2. $\frac{1}{4} + \frac{4}{5} + \frac{7}{10} =$

3. $\frac{1}{3} - \frac{2}{5} + \frac{1}{4} - \frac{1}{2} =$

4. $\frac{1}{3} \div 2 =$

5. $\frac{120}{121} + \frac{4}{11} =$

6. $\frac{3}{5} \times \frac{1}{2} \times 10 =$

7. $\frac{11}{20} - \frac{5}{60} + \frac{6}{10} =$

8. $\frac{4}{5} \div \frac{5}{4} \times \frac{1}{3} =$

9. $\frac{2}{3} + \frac{1}{4} - \frac{1}{18} + \frac{1}{9} =$ הכנה אישית למבחן הפסיכומטרי

10. $\frac{\left(\frac{1}{8} + \frac{4}{5}\right)}{\left(\frac{1}{3} + 2\right)} =$



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חילוק ארוך:

1. $\overline{228} \overline{)3} =$

2. $\overline{1166} \overline{)11} =$

3. $\overline{1872} \overline{)9} =$

4. $\overline{1212} \overline{)12} =$

5. $\overline{6548} \overline{)4} =$

$$1. \frac{3}{2} - \frac{2}{3} = \frac{9-4}{6} = \frac{5}{6}$$

$$2. \frac{1}{4} + \frac{4}{5} + \frac{7}{10} = \frac{5+16+14}{20} = \frac{35}{20} = \frac{7}{4} = 1\frac{3}{4}$$

$$3. \frac{1}{3} - \frac{2}{5} + \frac{1}{4} - \frac{1}{2} = \frac{20}{60} - \frac{24}{60} + \frac{15}{60} - \frac{30}{60} = -\frac{19}{60}$$

$$4. \frac{1}{3} \div 2 = \frac{1}{3} \times \frac{1}{2} = \frac{1}{6}$$

$$5. \frac{120}{121} + \frac{4}{11} = \frac{120}{121} + \frac{44}{121} = \frac{164}{121}$$

$$6. \frac{3}{5} \times \frac{1}{2} \times 10 = \frac{3 \times 1 \times 10}{5 \times 2 \times 1} = 3$$

$$7. \frac{11}{20} - \frac{5}{60} + \frac{6}{10} = \frac{33-5+36}{60} = \frac{64}{60} = 1 + \frac{4}{60} = 1 + \frac{1}{15}$$

$$8. \frac{4}{5} \div \frac{5}{4} \times \frac{1}{3} = \frac{4}{5} \times \frac{4}{5} \times \frac{1}{3} = \frac{16}{75}$$

$$9. \frac{2}{3} + \frac{1}{4} - \frac{1}{18} + \frac{1}{9} = \frac{24}{36} + \frac{9}{36} - \frac{2}{36} + \frac{4}{36} = \frac{24+9-2+4}{36} = \frac{35}{36}$$

$$10. \frac{\left(\frac{1}{8} + \frac{4}{5}\right)}{\left(\frac{1}{3} + 2\right)} = \frac{\left(\frac{37}{40}\right)}{\left(\frac{7}{3}\right)} = \frac{37 \times 3}{40 \times 7} = \frac{111}{280}$$

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חילוק ארוך:

$$1. \overline{228}3 = \dots = 76$$

$$2. \overline{1166}11 = \dots = 106$$

$$3. \overline{1872}9 = \dots = 208$$

$$4. \overline{1212}12 = \dots = 101$$

$$5. \overline{6548}4 = \dots = 1637$$