



vijf breuken, volgorde van bewerkingen met haakjes

Naam: _____

Datum: _____ Score: _____

$$(4 + \frac{1}{3})^2 - \frac{1}{4} - 5^2 - \frac{1}{4} =$$

$$(\frac{3}{4} - \frac{3}{5})^2 + \frac{3}{4}(\frac{2}{5} + \frac{1}{2}) =$$

$$(\frac{3}{2} - (\frac{1}{3})^2) \times \frac{1}{2} + (\frac{1}{2} - \frac{3}{5})^2 =$$

$$((\frac{1}{4})^2 + \frac{3}{2}) \times \frac{1}{3} - (\frac{1}{2} + \frac{1}{6})^2 =$$

$$((\frac{1}{3})^2 + \frac{2}{3}) \times \frac{2}{5} - (\frac{3}{5} + \frac{2}{5})^2 =$$

$$(\frac{1}{3} - \frac{1}{2})^2 + \frac{1}{2}(\frac{1}{3} + (\frac{1}{3})^2) =$$

$$(\frac{1}{6} - (\frac{1}{4})^2) \times \frac{3}{5} + (\frac{2}{5} + \frac{1}{4})^2 =$$

$$(\frac{3}{5} - \frac{1}{2})^2 + \frac{3}{4}(\frac{2}{5} - (\frac{1}{2})^2) =$$

$$(\frac{2}{3} - \frac{1}{2})^2 - \frac{1}{2}(\frac{1}{6} + \frac{1}{3}) =$$

$$((\frac{1}{6})^2 - \frac{2}{5}) \times \frac{1}{3} - (\frac{1}{2} + \frac{3}{2})^2 =$$



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$$(4 + \frac{1}{3})^2 - \frac{1}{4} - 5^2 - \frac{1}{4} = (-\frac{121}{18}) = (-6\frac{13}{18}) \quad (\frac{3}{4} - \frac{3}{5})^2 + \frac{3}{4}(\frac{2}{5} + \frac{1}{2}) = \frac{279}{400}$$

$$(\frac{3}{2} - (\frac{1}{3})^2) \times \frac{1}{2} + (\frac{1}{2} - \frac{3}{5})^2 = \frac{317}{450} \quad ((\frac{1}{4})^2 + \frac{3}{2}) \times \frac{1}{3} - (\frac{1}{2} + \frac{1}{6})^2 = \frac{11}{144}$$

$$((\frac{1}{3})^2 + \frac{2}{3}) \times \frac{2}{5} - (\frac{3}{5} + \frac{2}{5})^2 = (-\frac{31}{45}) \quad (\frac{1}{3} - \frac{1}{2})^2 + \frac{1}{2}(\frac{1}{3} + (\frac{1}{3})^2) = \frac{1}{4}$$

$$(\frac{1}{6} - (\frac{1}{4})^2) \times \frac{3}{5} + (\frac{2}{5} + \frac{1}{4})^2 = \frac{97}{200} \quad (\frac{3}{5} - \frac{1}{2})^2 + \frac{3}{4}(\frac{2}{5} - (\frac{1}{2})^2) = \frac{49}{400}$$

$$(\frac{2}{3} - \frac{1}{2})^2 - \frac{1}{2}(\frac{1}{6} + \frac{1}{3}) = (-\frac{2}{9}) \quad ((\frac{1}{6})^2 - \frac{2}{5}) \times \frac{1}{3} - (\frac{1}{2} + \frac{3}{2})^2 = (-\frac{2227}{540}) = (-4\frac{67}{540})$$