Operaciones combinadas con fracciones

Nombre: _____ Fecha: _____ Aciertos: _____ / 20

Resuelve paso a paso respetando el orden de las operaciones.

1. $\left(-\frac{20}{27}\right) \times \left(\frac{3}{5} \div \frac{2}{9}\right) = \square$

2. $(6)^{2} \times \left(-\frac{7}{9}\right) = \square$

3. $\left(\left(-\frac{11}{27}\right) + \left(-\frac{5}{18}\right)\right) \div \left(-\frac{3}{2}\right) = \frac{\square}{\square}$

4. $\left(-\frac{7}{8}\right) \div \left(-\frac{1}{8}\right) - \frac{1}{2} = \frac{\square}{\square}$

5. $\left(\frac{1}{4} + \frac{7}{8}\right) + \left(\frac{3}{2} \div (-5)\right) = \frac{\square}{\square}$

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6 $\left(\frac{5}{4} \times 6\right) \times \left(\frac{4}{5} - \left(-\frac{1}{2}\right)\right) = \frac{\square}{\square}$

7 $\left(\frac{1}{22} + \frac{1}{4}\right) - \frac{1}{2} = \frac{\square}{\square}$

8 $\frac{4}{5} \div \left(\frac{3}{5} + 2\right) = \frac{\square}{\square}$

9 $(3)^{2} \times \frac{1}{2} = \frac{\square}{\square}$

10 $\frac{1}{2} \times \frac{1}{4} - \frac{3}{4} = \frac{\square}{\square}$

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11 $\left(\left(-\frac{11}{16}\right) \div \left(-\frac{3}{8}\right)\right) \div \left(4 \div \left(-\frac{1}{2}\right)\right) = \frac{\square}{\square}$

12 $\left(-\frac{15}{8}\right)^{2} \times (-2) = \frac{\square}{\square}$

13 $\frac{2}{9} \times \frac{1}{2} + \left(-\frac{1}{2}\right) = \frac{\square}{\square}$

14 $\frac{2}{3} + \left(3 \times \frac{5}{6}\right) = \frac{\square}{\square}$

15 $\left(\left(-\frac{8}{21}\right) \div \frac{1}{9}\right) \div \frac{7}{9} = \frac{\square}{\square}$

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16 $\left(\left(-3\right) \times \frac{9}{10}\right) + \left(\frac{14}{25} + \left(-\frac{2}{5}\right)\right) = \frac{\square}{\square}$

17 $4 \times \left(\frac{2}{3} + \frac{2}{9}\right) = \frac{\square}{\square}$

18 $\left(-\frac{11}{6}\right)^{2} + \frac{1}{4} = \frac{\square}{\square}$

19 $\frac{19}{11} - \frac{3}{4} \div \frac{1}{4} = \frac{\square}{\square}$

20 $\left(4 - 5\right) \div \left(-\frac{8}{11}\right) = \frac{\square}{\square}$