



Arithmetic of Exponents (Negative Fractional Exponents)

Name: \_\_\_\_\_

Date: \_\_\_\_\_ Score: \_\_\_\_\_

$$\left(\frac{1}{2}\right) + \frac{3}{4} =$$

$$\left(\frac{3}{5}\right)^2 - \left(-\frac{3}{5}\right) =$$

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

$$\left(-\frac{3}{5}\right)^{(-2)} + \left(-\frac{3}{5}\right) =$$

$$\left(\frac{3}{4}\right) - \left(-\frac{3}{4}\right) =$$

$$\left(-\frac{1}{3}\right)^2 - \frac{1}{4} =$$

$$\left(\frac{2}{5}\right)^{(-2)} + \left(-\frac{1}{6}\right) =$$

$$\left(-\frac{3}{5}\right)^{(-1)} - \frac{1}{2} =$$

$$\left(-\frac{1}{5}\right)^{(-1)} + \frac{1}{6} =$$

$$\left(\frac{1}{3}\right)^2 + \frac{2}{5} =$$

$$\left(-\frac{3}{5}\right)^2 - \frac{1}{6} =$$

$$\left(-\frac{1}{2}\right)^2 - \left(-\frac{1}{2}\right) =$$

$$\left(\frac{1}{2}\right)^{(-1)} + \frac{2}{5} =$$

$$\left(\frac{2}{5}\right)^{(-1)} + \frac{2}{5} =$$

$$\left(\frac{2}{5}\right)^{(-2)} - \left(-\frac{3}{4}\right) =$$

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

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

$$\left(-\frac{1}{4}\right)^2 - \left(-\frac{1}{3}\right) =$$

$$\left(-\frac{2}{5}\right)^2 - \left(-\frac{1}{2}\right) =$$

$$\left(-\frac{1}{6}\right)^0 + \frac{1}{4} =$$



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

$$\left(\frac{3}{5}\right)^2 - \left(-\frac{3}{5}\right) = \frac{24}{25}$$

$$\left(-\frac{1}{3}\right)^{(-2)} + \left(-\frac{3}{5}\right) = \frac{42}{5} = 8\frac{2}{5}$$

$$\left(-\frac{3}{5}\right)^{(-2)} + \left(-\frac{3}{5}\right) = \frac{98}{45} = 2\frac{8}{45}$$

$$\left(\frac{3}{4}\right) - \left(-\frac{3}{4}\right) = \frac{3}{2} = 1\frac{1}{2}$$

$$\left(-\frac{1}{3}\right)^2 - \frac{1}{4} = \left(-\frac{5}{36}\right)$$

$$\left(\frac{2}{5}\right)^{(-2)} + \left(-\frac{1}{6}\right) = \frac{73}{12} = 6\frac{1}{12}$$

$$\left(-\frac{3}{5}\right)^{(-1)} - \frac{1}{2} = \left(-\frac{13}{6}\right) = \left(-2\frac{1}{6}\right)$$

$$\left(-\frac{1}{5}\right)^{(-1)} + \frac{1}{6} = \left(-\frac{29}{6}\right) = \left(-4\frac{5}{6}\right)$$

$$\left(\frac{1}{3}\right)^2 + \frac{2}{5} = \frac{23}{45}$$

$$\left(-\frac{3}{5}\right)^2 - \frac{1}{6} = \frac{29}{150}$$

$$\left(-\frac{1}{2}\right)^2 - \left(-\frac{1}{2}\right) = \frac{3}{4}$$

$$\left(\frac{1}{2}\right)^{(-1)} + \frac{2}{5} = \frac{12}{5} = 2\frac{2}{5}$$

$$\left(\frac{2}{5}\right)^{(-1)} + \frac{2}{5} = \frac{29}{10} = 2\frac{9}{10}$$

$$\left(\frac{2}{5}\right)^{(-2)} - \left(-\frac{3}{4}\right) = 7$$

$$\left(\frac{1}{3}\right)^{(-2)} - \frac{1}{3} = \frac{26}{3} = 8\frac{2}{3}$$

$$\left(-\frac{1}{5}\right)^2 + \frac{1}{4} = \frac{29}{100}$$

$$\left(-\frac{1}{4}\right)^2 - \left(-\frac{1}{3}\right) = \frac{19}{48}$$

$$\left(-\frac{2}{5}\right)^2 - \left(-\frac{1}{2}\right) = \frac{33}{50}$$

$$\left(-\frac{1}{6}\right)^0 + \frac{1}{4} = \frac{5}{4} = 1\frac{1}{4}$$