



Arithmetic of Exponents (Negative Fractional Exponents)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



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$$\left(-\frac{1}{2}\right)^{(-2)} + \frac{2}{5} = \frac{22}{5} = 4\frac{2}{5}$$

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

$$\left(\frac{1}{3}\right)^{(-1)} + \frac{1}{2} = \frac{7}{2} = 3\frac{1}{2}$$

$$\left(\frac{3}{5}\right)^2 - \left(-\frac{1}{5}\right) = \frac{14}{25}$$

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

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

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

$$\left(\frac{1}{5}\right)^2 + \frac{1}{5} = \frac{6}{25}$$

$$\left(\frac{1}{6}\right)^{(-2)} - \frac{1}{4} = \frac{143}{4} = 35\frac{3}{4}$$

$$\left(-\frac{1}{3}\right)^{(-2)} + \frac{3}{4} = \frac{39}{4} = 9\frac{3}{4}$$

$$\left(\frac{2}{5}\right)^{(-2)} + \frac{1}{2} = \frac{27}{4} = 6\frac{3}{4}$$

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

$$\left(-\frac{2}{5}\right)^{(-2)} + \left(-\frac{1}{3}\right) = \frac{71}{12} = 5\frac{11}{12}$$

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

$$\left(\frac{3}{5}\right)^{(-1)} - \frac{3}{4} = \frac{11}{12}$$

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

$$\left(-\frac{3}{4}\right)^{(-1)} - \left(-\frac{1}{5}\right) = \left(-\frac{17}{15}\right) = \left(-1\frac{2}{15}\right)$$

$$\left(\frac{1}{5}\right)^{(-1)} - \left(-\frac{3}{4}\right) = \frac{23}{4} = 5\frac{3}{4}$$

$$\left(-\frac{1}{4}\right)^{(-2)} + \left(-\frac{3}{4}\right) = \frac{61}{4} = 15\frac{1}{4}$$

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