



Arithmetic of Exponents (Negative Fractional Exponents)

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

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

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

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

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

$$\left(\frac{1}{2}\right)^0 + \left(-\frac{1}{2}\right) =$$

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

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

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

$$\left(\frac{1}{2}\right)^0 + \frac{1}{6} =$$

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

$$\left(\frac{1}{2}\right)^0 - \frac{1}{5} =$$

$$\left(\frac{1}{4}\right)^0 - \frac{2}{5} =$$

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

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

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

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

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

$$\left(\frac{1}{5}\right)^0 - \frac{2}{5} =$$

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

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

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



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$$\left(\frac{1}{2}\right)^{-1} - \frac{1}{6} = \frac{11}{6} = 1\frac{5}{6}$$

$$\left(\frac{3}{4}\right)^2 + \frac{3}{4} = \frac{21}{16} = 1\frac{5}{16}$$

$$\left(-\frac{1}{2}\right)^2 + \frac{1}{5} = \frac{9}{20}$$

$$\left(\frac{1}{2}\right)^0 + \left(-\frac{1}{2}\right) = \frac{1}{2}$$

$$\left(\frac{3}{5}\right)^{-2} - \frac{1}{5} = \frac{116}{45} = 2\frac{26}{45}$$

$$\left(\frac{2}{5}\right) + \left(-\frac{2}{5}\right) = 0$$

$$\left(-\frac{3}{4}\right)^2 + \frac{3}{5} = \frac{93}{80} = 1\frac{13}{80}$$

$$\left(\frac{1}{2}\right)^0 + \frac{1}{6} = \frac{7}{6} = 1\frac{1}{6}$$

$$\left(\frac{1}{4}\right)^{-2} + \left(-\frac{2}{5}\right) = \frac{78}{5} = 15\frac{3}{5}$$

$$\left(\frac{1}{2}\right)^0 - \frac{1}{5} = \frac{4}{5}$$

$$\left(\frac{1}{4}\right)^0 - \frac{2}{5} = \frac{3}{5}$$

$$\left(\frac{2}{5}\right)^2 - \left(-\frac{1}{5}\right) = \frac{9}{25}$$

$$\left(\frac{3}{4}\right)^{-2} - \frac{3}{4} = \frac{37}{36} = 1\frac{1}{36}$$

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

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

$$\left(-\frac{1}{2}\right)^{-2} + \frac{1}{5} = \frac{21}{5} = 4\frac{1}{5}$$

$$\left(\frac{1}{5}\right)^0 - \frac{2}{5} = \frac{3}{5}$$

$$\left(\frac{2}{5}\right)^2 + \frac{1}{4} = \frac{41}{100}$$

$$\left(\frac{2}{5}\right)^{-1} + \frac{1}{3} = \frac{17}{6} = 2\frac{5}{6}$$

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