

Resolução da atividade principal_MAT7_08NUM10

$$\left(\frac{1}{3}\right)^5 = \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} = \frac{1}{243}$$

$$\left(-\frac{3}{4}\right)^2 = \left(-\frac{3}{4}\right) \cdot \left(-\frac{3}{4}\right) = \frac{9}{16}$$

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

$$\left(\frac{0}{6}\right)^{10} = 0$$

$$\left(-\frac{8}{9}\right)^{-1} = \left(-\frac{9}{8}\right)^1 = -\frac{9}{8}$$

$$\left(-\frac{1}{5}\right)^{-4} = (-5)^4 = 625$$

$$\left(-\frac{4}{6}\right)^{-3} = \left(-\frac{6}{4}\right)^3 = \left(-\frac{6}{4}\right) \cdot \left(-\frac{6}{4}\right) \cdot \left(-\frac{6}{4}\right) = -\frac{216}{64}$$

$$\left(-\frac{10}{12}\right)^{-2} = \left(-\frac{12}{10}\right)^2 = \left(-\frac{12}{10}\right) \cdot \left(-\frac{12}{10}\right) = \frac{144}{100}$$

$$\left(-\frac{20}{5}\right)^{-2} = \left(-\frac{5}{20}\right)^2 = \left(-\frac{5}{20}\right) \cdot \left(-\frac{5}{20}\right) = \frac{25}{400}$$

$$\left(\frac{7}{2}\right)^2 = \frac{7}{2} \cdot \frac{7}{2} = \frac{49}{4}$$

$$\left(-\frac{5}{25}\right)^{-3} = \left(-\frac{25}{5}\right)^3 = (-5)^3 = (-125)$$

$$\left(-\frac{2}{7}\right)^2 = \left(-\frac{2}{7}\right) \cdot \left(-\frac{2}{7}\right) = \frac{4}{49}$$