ACTIVIDADES DE EJERCITACIÓN Y PROBLEMAS DE LA CLASE 1

$$1 \rightarrow 3 - \frac{1}{3} - \frac{3}{4} + \frac{5}{6} =$$

$$R: \frac{11}{4}$$

$$2 \rightarrow -4 + \frac{\frac{1}{3} - \frac{2}{5}}{\frac{3}{2}} + \frac{4}{3} =$$

$$R: -\frac{122}{45}$$

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

$$R: -\frac{92}{21}$$

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

$$R: \frac{682}{3}$$

$$5 \rightarrow \sqrt{\frac{1}{2 + \frac{3}{11}} + \frac{1}{5}} =$$

$$R: \frac{4}{5}$$

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

$$R: \frac{107}{180}$$

$$7 \rightarrow \frac{2}{3} \div \left(-\frac{1}{3}\right) + \frac{3}{4} \cdot \left(-\frac{2}{9}\right) =$$

$$R: -\frac{13}{6}$$

$$8 \rightarrow -1 - \left\{-\frac{1}{2} + \frac{3}{4} + \left[-2 + \frac{5}{6} - \left(\frac{1}{3} - 1\right)\right] - \frac{1}{6}\right\} - \frac{1}{3} =$$

$$R: -\frac{11}{12}$$

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

$$R: -\frac{12}{25}$$

$$10 \rightarrow \left(\sqrt{\frac{3}{5}} \cdot \frac{1}{6}\right)^2 \div \left(-\frac{5}{4}\right) =$$

$$R: -\frac{1}{75}$$

$$11 \rightarrow \frac{1 + \frac{1}{3}}{\frac{1}{4} \cdot \frac{1}{5}} \cdot \frac{\frac{2}{3} - \frac{1}{5}}{2 + \frac{1}{3}} - \frac{1}{5 + \frac{1}{9}} \div \frac{\sqrt{1 - \frac{3}{4}}}{9 + \frac{1}{5}} =$$

$$R: \frac{26}{15}$$

$$12 \rightarrow \sqrt[3]{\left(\frac{\frac{15}{4} - \frac{1}{5}}{\frac{1}{20}} \div \frac{71}{3}\right) \cdot 100 + 43} =$$

$$R: 7$$

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

$$R: \frac{225}{4}$$

$$14 \rightarrow \frac{4 \cdot \frac{5}{4} - \frac{1}{5}}{4 \cdot \frac{11}{10} + \sqrt{\frac{4}{25}}} =$$

$R: 1$

$$15 \rightarrow \frac{1}{2} \cdot \frac{1 - \frac{3}{2}}{2 - \frac{13}{9}} + \frac{1}{5} \div \frac{\sqrt{\frac{16}{5} \div 5}}{5^{-2}} =$$

$R: -\frac{11}{25}$

$$16 \rightarrow \sqrt{\frac{\frac{5}{3} - \frac{1}{6}}{\sqrt[3]{\frac{3}{4} - 1 + \frac{1}{8}}} \cdot \frac{10}{\left(\frac{3}{2}\right)^{-2} + \frac{2}{3}}} =$$

$R: -3$

$$17 \rightarrow \frac{\frac{1}{2} + \frac{3}{4}}{\frac{1}{4} - \frac{3}{2}} - \frac{\frac{7}{2}}{\frac{7}{4}} =$$

$R: -3$

$$18 \rightarrow \left(\left(\frac{3}{5}\right)^2\right)^3 \div \left(\frac{3}{5}\right)^4 =$$

$R: \frac{9}{25}$

$$19 \rightarrow \sqrt[3]{\left(\frac{1}{2} + \frac{1}{3}\right)^2 \cdot \frac{5}{6}} =$$

$R: \frac{5}{6}$

$$20 \rightarrow \sqrt{\left(\frac{2}{3} - 1\right) \cdot \left(1 - \frac{2}{3}\right) \cdot (-1)} =$$

$R: \frac{1}{3}$

$$21 \rightarrow \left(\frac{5}{3}\right)^{-7} \div \left(\frac{5}{3}\right)^{-5} =$$

$R: \frac{9}{25}$

$$22 \rightarrow \frac{12}{5} \div \frac{3}{5} - \frac{3}{7} \cdot \frac{1}{6} - \frac{50}{7} + \frac{3}{14} =$$

$R: -3$