

Ejercicio Semana 3.

$$\frac{6}{12} + \frac{36}{54}$$

$$\frac{6}{12} + \frac{14}{9} \left(\frac{9}{6} \right) = \frac{6}{12} \left(\frac{4}{9} \times \frac{9}{6} \right)$$

$$\frac{12}{6} + \frac{324}{6} = \frac{336}{6}$$

$$\frac{12}{2} \quad \frac{324}{9} \quad \frac{336}{6}$$

$$\frac{336}{6} = \frac{168}{3}$$

$$\textcircled{2} \quad \frac{6}{10} - \left(\frac{7}{9} \right) \cdot \left(\frac{10}{6} \right) \frac{6}{10} - \left(\frac{7}{9} \right) \cdot \frac{10}{6} =$$

$$\frac{6}{10} - \frac{42}{90} = -\frac{36}{90} = -\frac{18}{45} = -\frac{9}{25}$$

$$\textcircled{3} \quad \frac{3}{12} \left(\frac{4}{9} \right) \left(\frac{9}{6} \right) + \frac{4}{12} = \left(\frac{3}{12} \times \frac{4}{9} \times \frac{9}{6} \right) + \frac{4}{12}$$

$$\frac{108}{648} + \frac{4}{12} = \frac{36}{276} + \frac{42}{276} = \frac{78}{276}$$

$$\begin{array}{r}
 648 \\
 324 \\
 162 \\
 54 \\
 18 \\
 9 \\
 3 \\
 1
 \end{array}
 \begin{array}{l}
 2 \\
 2 \\
 3 \\
 3 \\
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 \end{array}
 \begin{array}{l}
 1 \\
 2 \\
 3 \\
 4 \\
 5 \\
 6 \\
 7 \\
 8 \\
 9 \\
 10 \\
 11 \\
 12
 \end{array}$$

$$\frac{108}{216} = \frac{54}{54} = \frac{27}{27}$$

$$\frac{1}{18} = \frac{3}{54} = \frac{1}{18}$$

$$6\frac{8}{5} + (7\frac{4}{9}) \times (2\frac{9}{6}) = 4 = \frac{38}{5} + (6\frac{1}{9} \times \frac{3}{1} \times \frac{27}{6} \times \frac{4}{1})$$

$$\frac{38}{5} \times (\frac{61}{9} \times \frac{3}{1} \times \frac{27}{6} \times \frac{4}{1})$$

$$\frac{38}{5} + \frac{16188}{54} = \frac{2051}{270} + \frac{8412}{270}$$

$$\frac{86412}{270} = \frac{43206}{135} = \frac{1441}{45} = \frac{4804}{15}$$

$$320 \frac{4}{5}$$