

semana # 8

$$1) \frac{19}{21} - \frac{2}{21} - \frac{4}{21} - \frac{6}{21} =$$

$$\frac{19 - 2 - 4 - 6}{21} = \frac{7^{(7)}}{21} = \left(\frac{1}{3} \right)$$

$$2) \frac{13}{8} - \frac{3}{8} - \frac{5}{8} - \frac{1}{8} =$$

$$\frac{13 - 3 - 5 - 1}{8} = \frac{4}{8} = \frac{2}{4} = \left(\frac{1}{2} \right)$$

$$3) \frac{35}{84} - \frac{19}{84} - \frac{8}{84} =$$

$$\frac{35 - 19 - 8}{84} = \frac{8}{84} \quad \frac{4}{42} \quad \left(\frac{2}{21} \right)$$

$$4) \frac{7^{x3}}{2^{x3}} - \frac{7^{x1}}{6^{x1}} = \frac{3}{6} - \frac{1}{6} = \frac{2}{6} \left(\frac{1}{3} \right)$$

$$5) \frac{7^{x20}}{2} - \frac{7^{x5}}{8} - \frac{7^{x1}}{40} = \frac{20}{40} - \frac{5}{40} - \frac{1}{40} = \frac{14}{40}$$

$$\left(\frac{7}{20} \right)$$

$$6) \frac{3}{75^{x6}} - \frac{1^{x2}}{45} - \frac{1^{x1}}{90} = \frac{78}{90} - \frac{2}{90} - \frac{1}{90} = \frac{75}{90}^{(3)}$$

$$\frac{5}{30} \left(\frac{1}{6} \right)$$

$$7) 9 \frac{7}{8} - 2 \frac{5}{24}$$

$$9 - 2 = 7$$

$$\frac{7}{8} \times 3 - \frac{5 \times 1}{24} = \frac{21}{24} - \frac{5}{24} = \frac{16}{24} = \frac{8}{12} = \frac{4}{6}$$

$$\boxed{7 \frac{4}{6}}$$

$$8) 12 \frac{2}{3} - 7 \frac{1}{11} =$$

$$12 - 7 = 5$$

$$\frac{2}{3} \times 11 - \frac{1 \times 3}{11} = \frac{22}{33} - \frac{3}{33} = 11 \frac{19}{33}$$

$$9) 74 \frac{11}{45} - 5 \frac{7}{60} =$$

$$74 - 7 = 7$$

$$\frac{11}{45} \times 4 = \frac{44}{180} - \frac{7}{60} \times 3 = \frac{21}{180} = 2 \frac{23}{180}$$

$$10) 9 \frac{1}{6} - 7 \frac{2}{3}$$

$$9 - 7 = 2$$

$$\frac{1}{6} \times 1 = \frac{1}{6} - \frac{2}{3} \times 2 = \frac{4}{6} = 2 \frac{3}{6}$$