

9/06/21

### Examen 2 Periode

1  $\frac{135}{100} = \frac{27}{20}$   $\frac{18}{16} = \frac{9}{8}$   $\frac{24}{36} = \frac{2}{3}$

$$\begin{array}{r} 100 \overline{) 135} \\ \underline{200} \\ 150 \\ \underline{300} \\ 150 \\ \underline{300} \\ 0 \end{array}$$
$$\begin{array}{r} 16 \overline{) 18} \\ \underline{32} \\ 16 \\ \underline{32} \\ 0 \end{array}$$
$$\begin{array}{r} 36 \overline{) 24} \\ \underline{72} \\ 72 \\ \underline{72} \\ 0 \end{array}$$
$$\begin{array}{r} 35 \overline{) 135} \\ \underline{70} \\ 65 \\ \underline{35} \\ 30 \\ \underline{35} \\ 0 \end{array}$$
$$\begin{array}{r} 18 \overline{) 18} \\ \underline{18} \\ 0 \end{array}$$
$$\begin{array}{r} 24 \overline{) 24} \\ \underline{24} \\ 0 \end{array}$$

2  $\frac{48}{8} = 6$   $\frac{959}{900} = 1,065$   $\frac{1510}{1000} = 1,51$

$$\begin{array}{r} 8 \overline{) 48} \\ \underline{48} \\ 0 \end{array}$$
$$\begin{array}{r} 900 \overline{) 959} \\ \underline{900} \\ 59 \end{array}$$
$$\begin{array}{r} 1000 \overline{) 1510} \\ \underline{1000} \\ 510 \end{array}$$

3  $\frac{45}{20} = \frac{9}{4}$   $\frac{15}{20} = \frac{3}{4}$   $\frac{42}{20} = \frac{21}{10}$

$$\begin{array}{r} 20 \overline{) 45} \\ \underline{40} \\ 5 \end{array}$$
$$\begin{array}{r} 20 \overline{) 15} \\ \underline{10} \\ 5 \end{array}$$
$$\begin{array}{r} 20 \overline{) 42} \\ \underline{40} \\ 2 \end{array}$$

4  $\left[-\frac{5}{6} + \frac{7}{4}\right] + \frac{1}{3} = -\frac{10}{12} + \frac{21}{12} = \frac{11}{12} + \frac{1}{12} = \frac{12}{12} = 1$

5  $3 - \frac{5}{4} + \left(\frac{3}{2}\right)\left(\frac{1}{2}\right) = \frac{12}{4} - \frac{5}{4} + \frac{3}{4} = \frac{10}{4} = \frac{5}{2}$

$$\frac{12-5}{4} = \frac{7}{4} + \frac{3}{4} = \frac{7+3}{4} = \frac{10}{4} = \frac{5}{2}$$