

## تمرين عدد 1

أحسب :

$$A = \frac{4}{5} + \frac{11}{2} = \dots\dots\dots B = \frac{7}{8} + \frac{-1}{2} = \dots\dots\dots$$

$$C = \left(\frac{-4}{5}\right) + \frac{11}{10} = \dots\dots\dots d = -\frac{1}{2} + \left(\frac{-7}{3}\right) = \dots\dots\dots$$

$$E = \frac{11}{8} + (-3) = \dots\dots\dots f = \left(\frac{-5}{11}\right) + \frac{17}{22} = \dots\dots\dots$$

$$G = \frac{5}{3} + \left(-\frac{1}{2}\right) + \frac{11}{6} = \dots\dots\dots$$

$$H = \left(-\frac{5}{8}\right) + \frac{7}{4} + \left(-\frac{1}{3}\right) = \dots\dots\dots$$

$$D = \frac{7}{3} + \left(\frac{-15}{4}\right) + \frac{7}{5} + (-2,7) = \dots\dots\dots$$

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## تمرين عدد 2

أحسب :

$$A = \frac{7}{4} - \frac{8}{5} = \dots\dots\dots b = \frac{9}{8} - \frac{5}{2} = \dots\dots\dots$$

$$C = \frac{8}{5} - \frac{11}{3} = \dots\dots\dots d = -\frac{4}{5} - \left(-\frac{7}{20}\right) = \dots\dots\dots$$

$$E = \frac{4}{15} - \frac{11}{3} = \dots\dots\dots f = -\frac{11}{2} - \frac{7}{4} = \dots\dots\dots$$

## تمرين عدد 3

$$A = \frac{4}{5} + \frac{5}{2} + \frac{11}{10} = \dots\dots\dots$$

$$B = -\frac{4}{9} + \frac{1}{3} + \left(\frac{-11}{6}\right) = \dots\dots\dots$$

$$C = -\frac{14}{5} + \frac{7}{20} - \frac{3}{10} = \dots\dots\dots$$

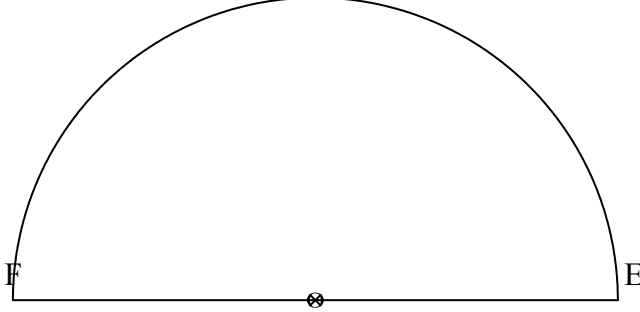
$$D = -\left(\frac{-8}{3}\right) - \frac{14}{9} + \frac{13}{27} = \dots\dots\dots$$

$$e = -\frac{3}{4} - \frac{1}{5} - \left(-\frac{19}{20}\right) = \dots\dots\dots$$

$$f = \frac{5}{2} - \frac{11}{4} - 3,5 = \dots\dots\dots$$

## تمرين عدد 4

ع نصف دائرة قطرها [EF] ومركزها O حيث : EF = 8cm



A و B نقطتان من ع حيث : AF = BE = 3cm

1) أ- قـارن بين المثلثين OAF و OBE

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ب - استنتج أن :  $\widehat{AOF} = \widehat{BOE}$

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2) [BM] و [AN] هما ارتفاعي المثلثين BOE و AOF الصادرين من B و A على الترتيب.

أ - قـارن بين المثلثين OMB و AON

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