MAT-P104-4 – Révision

1. Effectue les calculs suivants.

a) 1cm + 2dm + 8mm = _____mm

b) 1km + 3m + 445dm = _____ m

c) 56hm + 2dam + 445m = _____km

d) 8mm + 33cm + 1m = _____dm

2. Effectue les calculs suivants. Donnez votre réponse sous la forme de fraction réduite.

a) $\frac{6}{8} - \frac{1}{5} =$

b) $\frac{2}{3} + \frac{7}{12} =$

c) $\frac{1}{3} \times \frac{3}{4} =$

d) $\frac{3}{4} \div \frac{3}{2} =$

e) $\frac{1}{2} + 3 =$

f) $\frac{1}{5} + \frac{7}{4} + 2 =$

g) $5 - \frac{1}{4} =$

h) $5\frac{3}{4} + \frac{1}{4} =$

i) $\frac{1}{2} + \frac{1}{3} + \frac{1}{4} =$

j) $4\frac{1}{5} - 1\frac{9}{10} =$

3. Modifiez les quantités données pour qu'elles soient deux fois et demie plus grandes.

a) 3 tasses

_____

b) $\frac{3}{4}$ c. à table

_____

c) $\frac{1}{4}$ tasse

_____

d) $1\frac{1}{2}$ tasse

_____

e) 2 c. à thé

_____

f) $\frac{1}{2}$ tasse

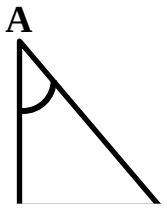
_____

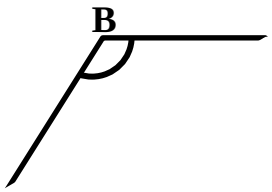
4. À l'aide des outils appropriés, tracez les angles demandés.

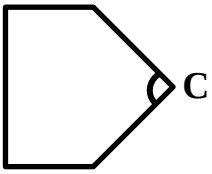
a) L'angle ABC mesurant 70º b) L'angle DEF mesurant 115 º c) L'angle HIJ mesurant 90º

5. À l'aide des outils appropriés, mesurez les angles donnés.

a) L'angle A mesure _____ b) L'angle B mesure _____ c) L'angle C mesure _____

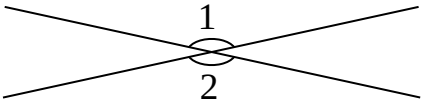




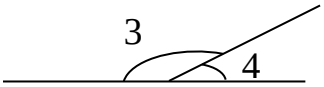


6. Dites si les angles présentés sont adjacents ou opposés par le sommet ou ni l'un ni l'autre.

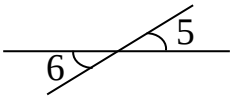
a) 1 et 2 sont _____



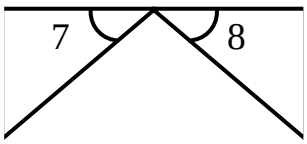
b) 3 et 4 sont _____



c) 5 et 6 sont _____

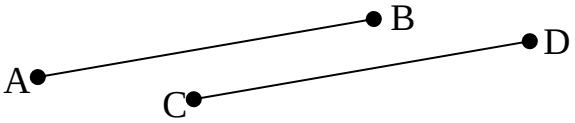


d) 7 et 8 sont _____

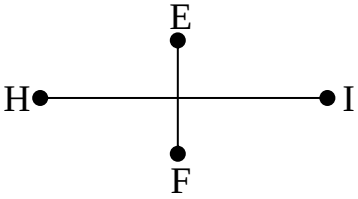


7. Dites si les segments présentés sont parallèles, perpendiculaires ou ni un ni l'autre.

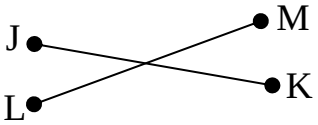
a) Les segments $\overline{AB}$ et $\overline{CD}$ sont _____



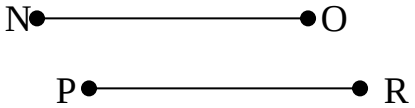
b) Les segments $\overline{EF}$ et $\overline{HI}$ sont _____



c) Les segments $\overline{JK}$ et $\overline{LM}$ sont _____

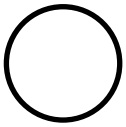


d) Les segments $\overline{NO}$ et $\overline{PR}$ sont _____



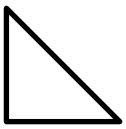
8. Dites de quelle figure géométrique il s'agit.

a)

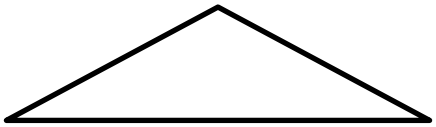


b)

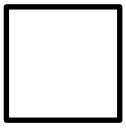
c)



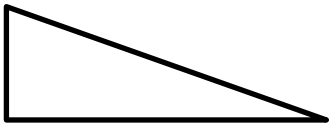
d)



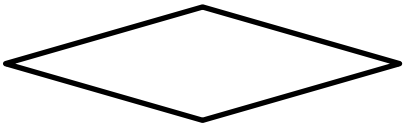
e)



f)

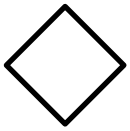


g)

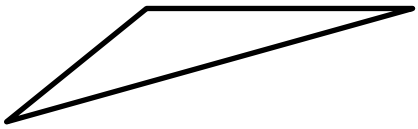


h)

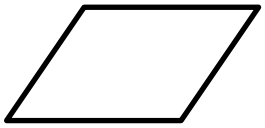
i)



j)



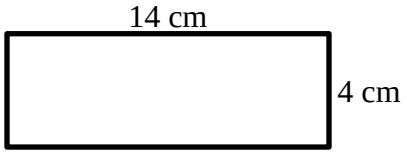
k)



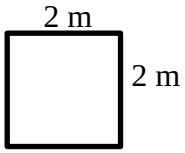
l)

9. Trouve le périmètre et l'aire des figures données.

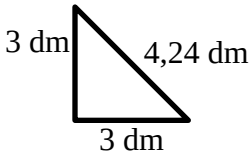
a)



d)

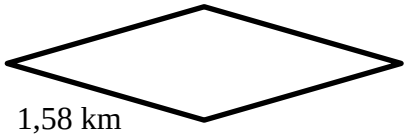


b)

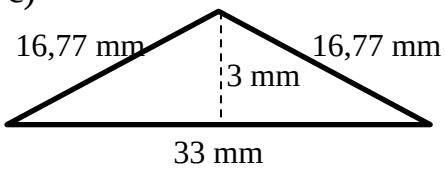
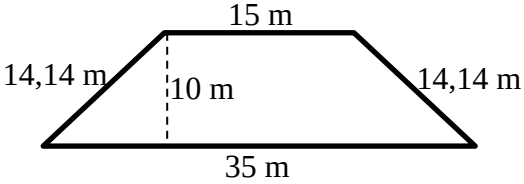


e)

D = 3 km
d = 1 km



c)



f)