

ÉVALUATION DIAGNOSTIQUE
DES ÉLÈVES ALLOPHONES

Mathématiques

CYCLE 4 - FIN DE 3^E

Langue d'origine : pachto

نوم:

تخلص:

Matériel nécessaire : crayon, gomme, règle graduée.

EXERCICE 1

"صحيح" يا "غلط" ؟ (د صحيح ځواب نه كړبڼه تاو كړه)

- a) 5 د 10 ضرب دى. • صحيح • غلط
- b) 5 په 30 او په 45 يو عام تقسيم دى. • صحيح • غلط
- c) 10 د 10 د ټولو تقسيمونو لىست 2 او 5 دي. • صحيح • غلط
- d) 60 د ټولو تقسيمونو لىست دا دى:
60 ; 30 ; 20 ; 15 ; 12 ; 10 ; 6 ; 5 ; 4 ; 3 ; 2 ; 1 • صحيح • غلط

MI

MF

MS

TBM

EXERCICE 2

د صحیح خُواب نه کرښه تاو کړه:

$$[2a - 1] [a + 2] + [2a - 1] [3a + 1] =$$

- $[3a + 1]a$
- $8a - 1$
- $[2a - 1] [4a + 3]$
- $[2a - 1] [4a^2 + 1]$

$$[3a + 1]^2 - [2a + 1] [3a + 1] =$$

- $2a - 1$
- $a [3a + 1]^2$
- $[3a + 1] [5a + 2]$
- $[3a + 1] a$

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EXERCICE 3

د صحیح خُواب نه کرښه تاو کړه:

$$[2a + 3]^2 =$$

- $25a^2$
- $4a^2 + 12a + 9$
- $2a^2 + 6a + 9$
- $4a^2 + 9$

$$[5a + 3] [5a - 3] =$$

- $5a^2 - 9$
- $[5a]^2 + 9$
- $25a^2 - 9$
- $5^2a - 9$

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EXERCICE 4

$[4x + 3] [3x - 18] = 0$ حل:

.....

.....

.....

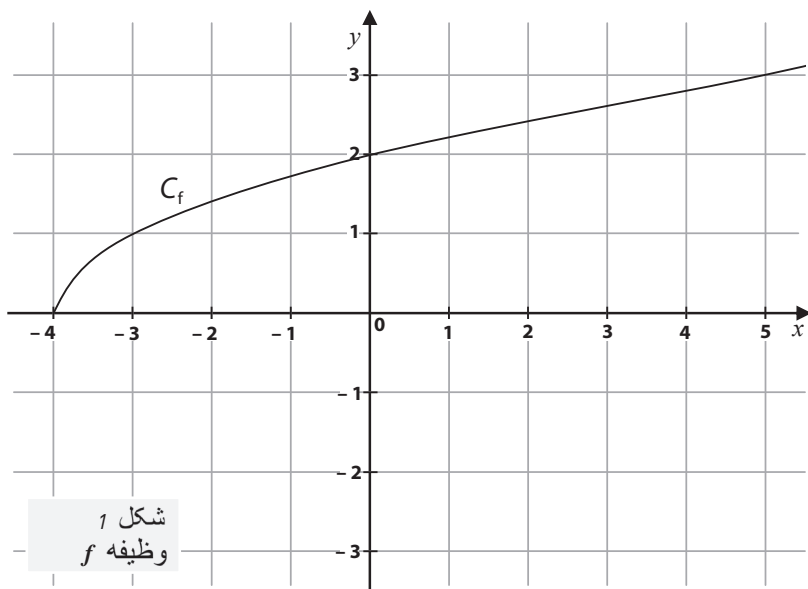
.....

..... : حُواب

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EXERCICE 5

تول:



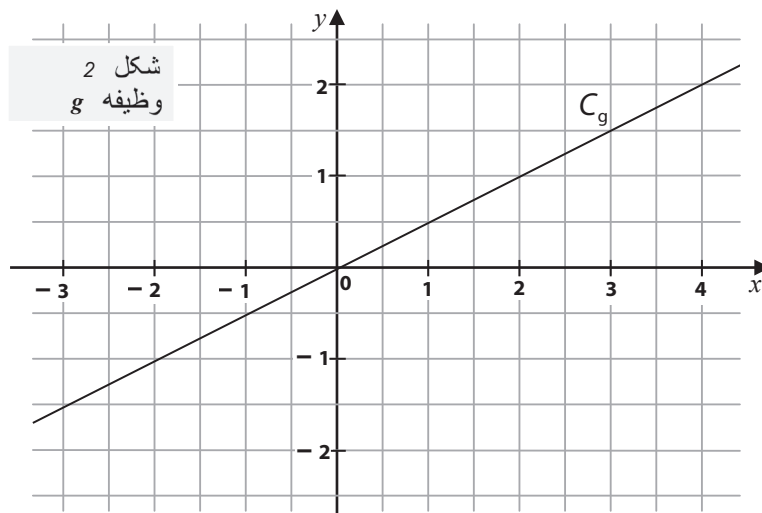
..... = (5)f
یا "د 5 په f تمثال
دی"

1 = (....)f
یا "د

.....
په f تمثال 1 دی"

تول:

x	-2	3
g[x]	1



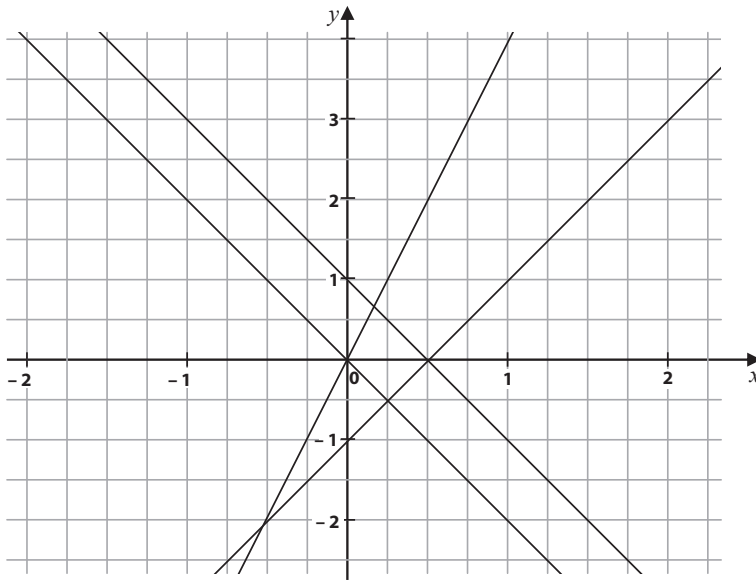
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EXERCICE 6

f یوه وظیفه ده چې ددې شماره x تړون لري له دې سره $f(x) = 4x$

g یوه وظیفه ده چې ددې شماره x تړون لري له دې سره $g(x) = -2x$

h یوه وظیفه ده چې ددې شماره x تړون لري له دې سره $h(x) = 2x - 1$



سور رنگ ورکړه،

د f گرافیکي بنودنه.

شین رنگ ورکړه،

د g گرافیکي بنودنه.

ابي رنگ ورکړه،

د h گرافیکي بنودنه.

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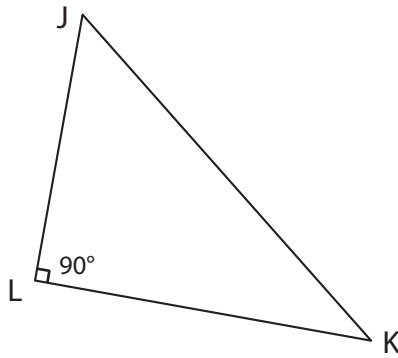
EXERCICE 7

دې مثلث ته بڼه پام وکړه:

$(JL) \perp (LK)$

$\widehat{LJK} = 30^\circ$

$LK = 10 \text{ cm}$



د صحیح ځواب نه کرښه تاو کړه:

$\sin \widehat{JKL} =$	• $\frac{LK}{JK}$	• $\frac{LJ}{LK}$	• $LK \times \tan [\widehat{LJK}]$
	• $\frac{JK}{LK}$	• $\cos 30^\circ$	• $\frac{LK}{\tan [\widehat{LJK}]}$
	• $\frac{LJ}{JK}$	• 1,5	• $\frac{JK}{LK}$
	• $\frac{LK}{LJ}$	• 30°	• 24°

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EXERCICE 8

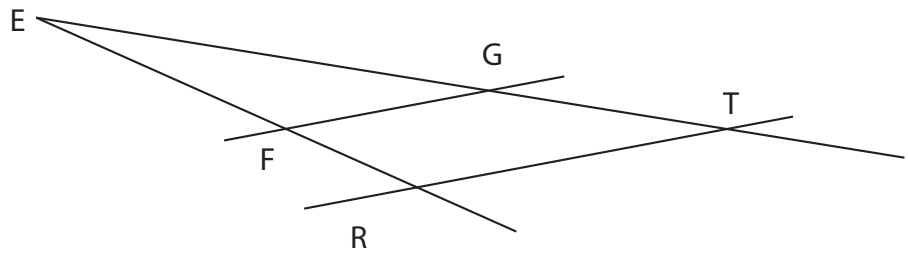
[RT]//[FG]

ET = 4,5 cm

FG = 2,2 cm

EF = 4 cm

ER = 6 cm



$\frac{\dots\dots}{ER} = \frac{FG}{RT} = \frac{\dots\dots}{\dots\dots}$ بشپړول:

حسابول EG:

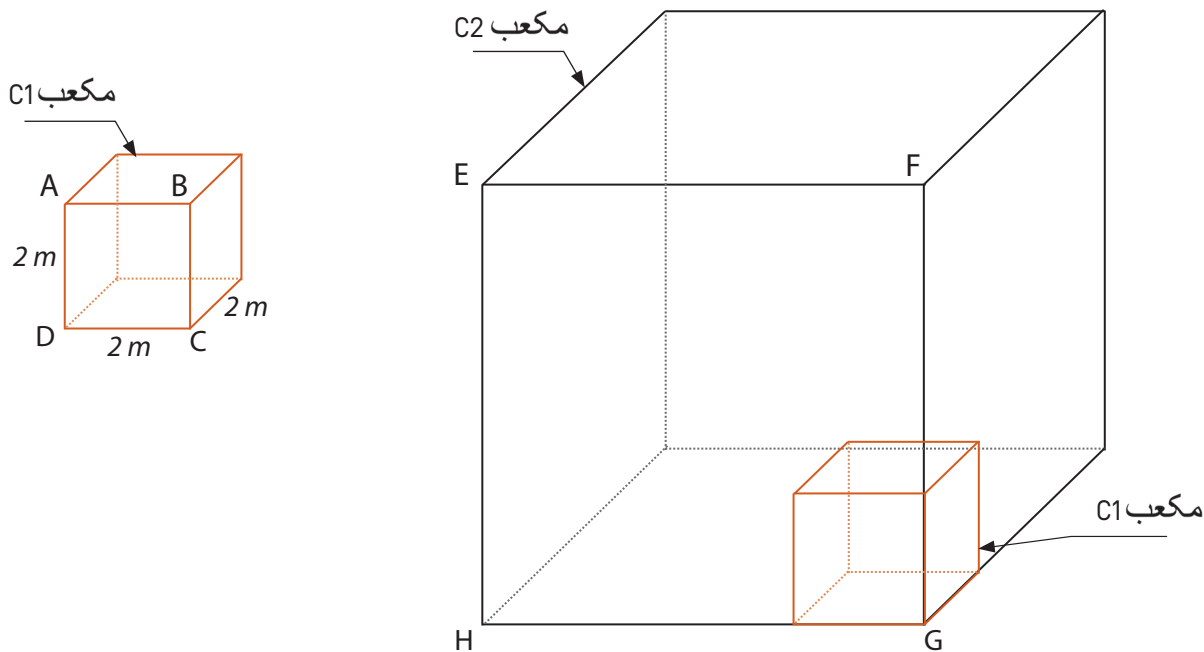
.....

.....

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EXERCICE 9



تول: لشكه
 $2\text{ m} = \text{AB}$
 هو ABCD =
 حجم C1 =

تول: لشكه
 $6\text{ m} = 2 \times 3 = \text{GH}$
 هو EFGH =
 حجم C2 =

تول:
 $\dots\dots\dots = a$
 $\dots\dots\dots = b$
 $a \times [\text{هو ABCD}] = [\text{هو EFGH}]$
 $b \times [\text{حجم C1}] = [\text{حجم C2}]$

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