



Haitian Creole Edition
Grade 6 Mathematics Test, Book 1
May 5–7, 2010

Pwogram Egzamen Eta Nouyòk
Egzamen Matematik
Liv 1

Ane **6**

5–7 me 2010



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TRIK POU FÈ EGZAMEN AN

Men kèk sijesyon pou ede ou bay pi bon rannman:

- Asire ou li avèk atansyon tout enstriksyon ki nan tiliv egzamen an.
- Li chak kesyon avèk atansyon epi reflechi sou chak repons anvan ou chwazi repons ou.



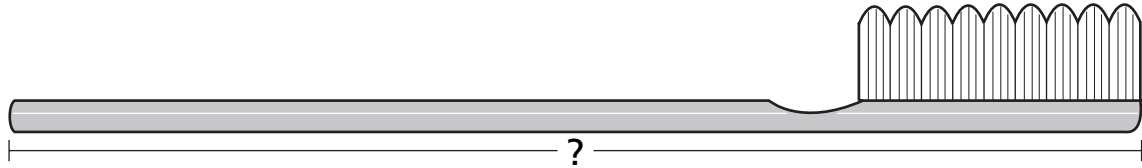
Pòtre sa a vle di ou pral sèvi avèk règ ou.

Egzanp A



Sèvi ak règ ou pou ede ou rezoud pwoblèm sa a.

Ki longè bwòs dan yo montre anba a an santimèt?



- A 12
- B 13
- C 14
- D 15

Egzanp B

Kirsten li yon kantite liv, k . Eric li 3 liv an mwens pase Kirsten. Ki ekspresyon ki ka itilize pou jwenn kantite liv Eric te li?

- A $k - 3$
- B $k + 3$
- C $3 - k$
- D $3 \times k$

RETE LA

1

Ki pwopòsyon ki kòrèk?

A $\frac{4}{10} = \frac{3}{6}$

B $\frac{1}{2} = \frac{7}{8}$

C $\frac{1}{2} = \frac{3}{6}$

D $\frac{4}{10} = \frac{7}{8}$

2

Ki pè ekspresyon ki ekivalan youn ak lòt?

A $2 \times 2 \times 2$ ak 3^2

B $6 \times 6 \times 6 \times 6$ ak 4^6

C $4 \times 4 \times 4 \times 4 \times 4$ ak 4^5

D $8 \times 8 \times 8 \times 8 \times 8 \times 8$ ak 8^8

Kontinye

3Ki valè pou x ki fè ekwasyon anba a vre?

$$7 + x = 84$$

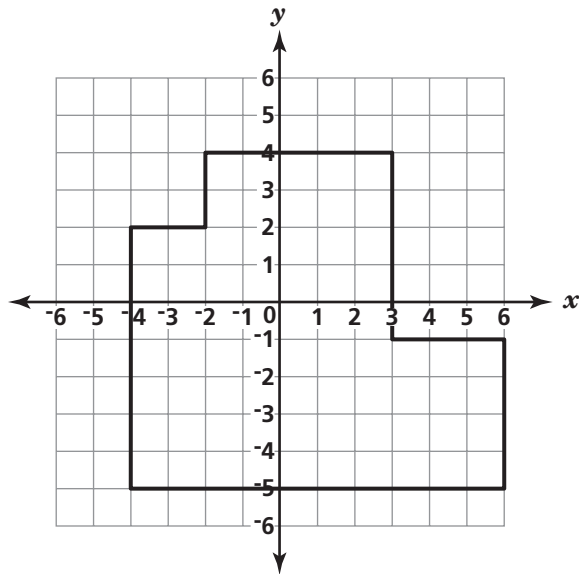
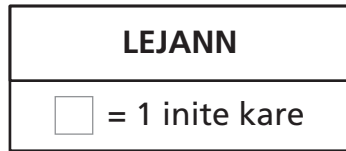
- A 12
- B 77
- C 83
- D 91

4Ki valè ki ekivalan a $|- \frac{1}{4}|$?

- A -4
- B $-\frac{1}{4}$
- C 4
- D $\frac{1}{4}$

5

Ki sipèfisi figi ki trase sou plan koòdone anba a?



- A 38 inite kare
- B 59 inite kare
- C 71 inite kare
- D 90 inite kare

6

Ki pwopriyete ki endike nan ekwasyon anba a?

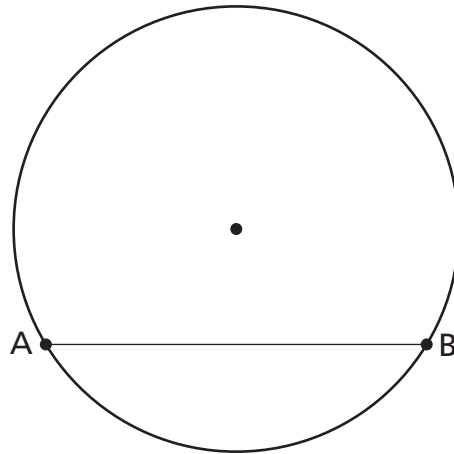
$$6 \times 0 = 0$$

- A pwopriyete zewo miltiplikasyon
- B pwopriyete envès miltiplikasyon
- C pwopriyete idantite miltiplikasyon
- D pwopriyete komitatif miltiplikasyon

Kontinye

7

Ki non segman dwat AB ki sou sèk anba a?



- A dyamèt
- B reyon
- C kòd
- D ak

8

Mary chwazi 15 flè nan jaden n lan. Si 3 nan 5 flè sa yo jòn, konbyen flè jòn Mary chwazi?

- A 3
- B 9
- C 13
- D 25

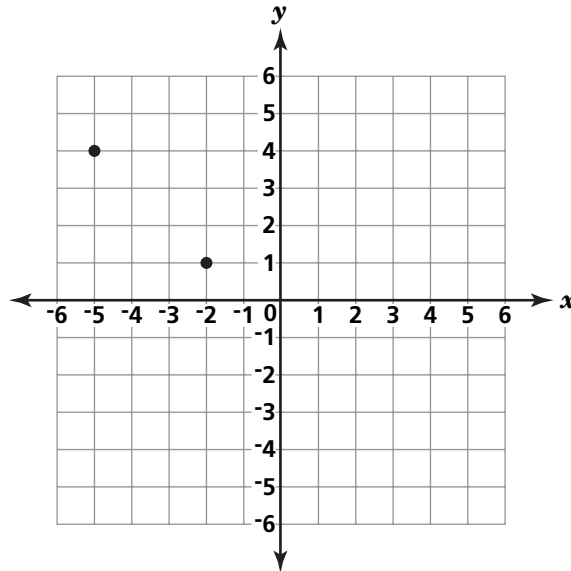
9

Elèv kap eseye pou yon konkou chante resevwa yon lis ki gen 7 chante wòk ak 5 chante country. Si chak elèv dwe chwazi 1 chante wòk ak 1 chante country, konbyen konbinezon chante diferan chak elèv ka chwazi?

- A 2
- B 12
- C 35
- D 75

10

De (2) somè yon triyang rektang endike sou plan koòdone anba a.



Ki pwen ki ka reprezante twazyèm somè triyang rektang lan?

- A (5, -1)
- B (1, -5)
- C (-1, 5)
- D (-5, 1)

Kontinye

11 Lis anba a montre wotè, an mè, senk bilding diferan.

180, 170, 120, 180, 160

Ki **medyàn** pou wotè a, an mè, bildin yo?

- A** 162
- B** 165
- C** 170
- D** 180

12 Ki ekwasyon aljebrik ki reprezante "twa fwa diferans yon nonb, x , ak nèf egal kenz"?

- A** $9x - 3 = 15$
- B** $3(9) - x = 15$
- C** $9 - 3x = 15$
- D** $3(x - 9) = 15$

13 Roberto gen yon mamit ki gen 4.200 millilit dlo. Konbyen lit dlo ki gen nan resipyan Roberto a?

1 lit = 1.000 millilit

- A** 0,042
- B** 0,42
- C** 4,2
- D** 42

- 14** Yon sèk gen yon reyon ki gen 18 pous. Ki sikonferans sèk la antanke π ?

$$C = 2\pi r$$

- A 36π
- B 20π
- C 18π
- D 9π

- 15** Senplifye ekspresyon ki anba a.

$$7^2 - 9 + 1^3$$

- A 37
- B 39
- C 41
- D 43

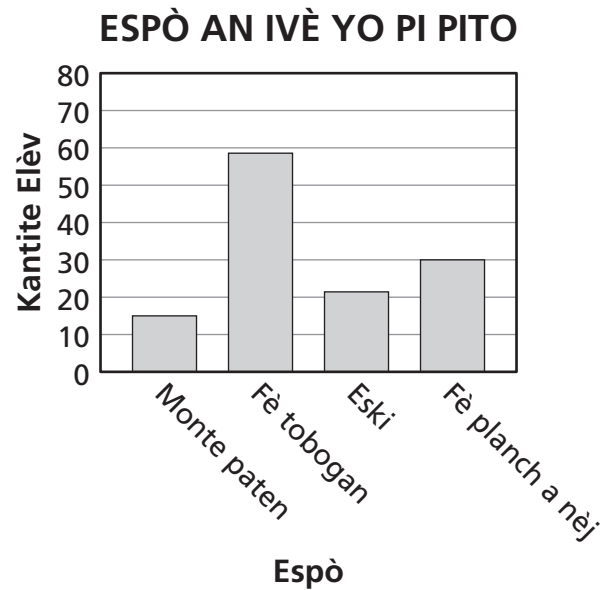
- 16** Mica ak Denise ap li menm liv woman an. Mica li $\frac{1}{2}$ nan woman an, e Denise li $\frac{1}{3}$ nan woman an. Ki kantite anplis ke Mica li pase Denise?

- A $\frac{1}{6}$
- B $\frac{2}{5}$
- C $\frac{3}{5}$
- D $\frac{5}{6}$

Kontinye

17

Mesye Bern mande elèv ki nan klas sizyèm ane nan lekòl li a pou yo chwazi espò yo pi pito an ivè. Done l yo parèt nan grafik ba ki anba a.



Dapre done ki nan graf la, ki deklarasyon ki vre?

- A** Gen apeprè 35 elèv ki chwazi eski.
- B** Gen pliske 20 elèv ki chwazi tout espò yo.
- C** Kantite elèv ki chwazi planch-a-nèj apeprè defwa plis pase kantite elèv ki chwazi monte paten.
- D** Kantite total elèv ki chwazi monte paten ak eski egal a kantite elèv ki chwazi pou fè tobogan.

18

Marion plen yon bokit ak dlo. Kapasite bokit la se 2 ka. Ki kapasite bokit Marion lan, an galon?

$1 \text{ galon} = 4 \text{ ka}$

A $\frac{1}{4}$

B $\frac{1}{2}$

C 1

D 2

19

Senplifye ekspresyon ki anba a.

$$4^3 \div 2^2$$

A 2

B 3

C 16

D 32

20

Rona kondwi yon distans 56 mil pou l al wè yon zanmi. Li kondwi yon distans 42 mil anvan l rete pou fè gaz. Ki pousantaj kondwi a Rona konplete anvan l rete pou fè gaz?

A 75%

B 25%

C 42%

D 14%

Kontinye

21

Ernie gen 4 chalimo jòn, 3 chalimo vèt, ak 1 chalimo ble nan yon tiwa nan kizin lan. Chak chalimo gen menm gwosè ak menm fòm. Ernie retire yon chalimo nan tiwa a san l pa gade. Ki pwobabilite ki genyen pou Ernie retire yon chalimo vèt?

A $\frac{1}{8}$

B $\frac{3}{8}$

C $\frac{5}{8}$

D $\frac{7}{8}$

22

Gunther trase yon sèk. Reyon sèk la se 20 pous. Li sèvi ak fòmil anba a pou detèmine sipèfisi sèk li a.

$$A = \pi r^2$$

Ki sipèfisi, an pous kare, sèk Gunther a?

Kite repons ou antanke π .

A 10π

B 40π

C 100π

D 400π

23 Dyamèt woulawoup Lexa a mezire 36 pous. Ki **reyon an**, an pous, pou woulawoup Lexa a?

- A** 6
- B** 9
- C** 18
- D** 72

24 Kantite restoran ki gen sou Boland Street 3 fwa mwens ke 4 fwa kantite restoran, r , ki gen sou Macaw Street. Ki ekspresyon ki ka sèvi pou detèmine ki kantite restoran ki sou Boland Street?

- A** $7r$
- B** $12r$
- C** $3 - 4r$
- D** $4r - 3$

25 Gen 4 pent lèt nan frijidè James. Konbyen tas lèt ki gen nan frijidè James lan?

$1 \text{ pent} = 2 \text{ tas}$

- A** 2
- B** 8
- C** 16
- D** 32

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