



**Haitian Creole Edition**  
**Grade 8 Mathematics Test, Book 3**  
**March 9–13, 2009**

**Pwogram Egzamen Eta Nouyòk**  
**Egzamen Matematik**  
**Liv 3**

Ane **8**

**9–13 mas 2009**

**Non** \_\_\_\_\_



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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 repons lan anvan ou ekri repons ou.
- Asire ou montre travay ou lè yo mande ou pou fè sa. Ou ka resevwa yon pati nan kredi a si ou montre travay ou.
- Sèvi ak kalkilatris ou pou ede rezoud pwoblèm ki nan pati sa a nan egzamen an.

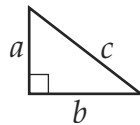


Pòtre sa a vle di ou pral sèvi avèk règ ou.

## Fich Referans Matematik

### FÒMIL

Teyorèm Pitagò



$$c^2 = a^2 + b^2$$

Enterè Senp

$$I = prt$$

Fòmil Distans

$$d = rt$$

### KONVÈSYON

Konvèsyon Tanperati

$$F = \frac{9}{5}C + 32$$

$$C = \frac{5}{9}(F - 32)$$

Konvèsyon Mezi

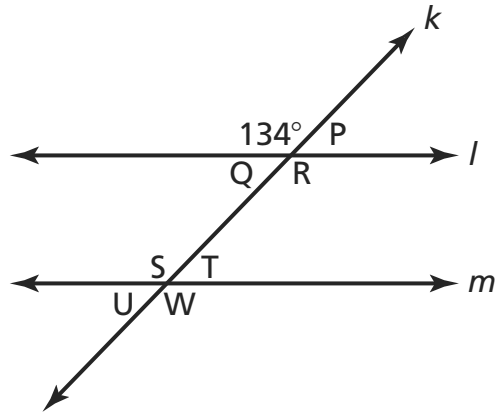
$$1 \text{ mil} = 5.280 \text{ pye}$$

$$1 \text{ yad} = 3 \text{ pye}$$



34

Nan chema ki anba a, dwat  $l$  ak dwat  $m$  paralèl, epi dwat  $k$  se yon dwat sekant.



[pa trase selon echèl la]

Ki mezi  $\angle U$ ?

**Repons** \_\_\_\_\_ degre

Sou liy ki anba yo, eksplike fason ou te jwenn repons ou.

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***Kontinye***

**35**

Komplete tablo ki anba a pou kreye yon modèl ki montre yon relasyon lineyè ant  $x$  ak  $y$ .

$x$	$y$
1	
2	
3	
4	

Ekri yon ekwasyon ki ka itilize pou reprezante relasyon ant  $x$  ak  $y$  nan tablo w la.

**Ekwasyon** \_\_\_\_\_

**36**

Kisa  $28a^{11}b^7$  divize pa  $4a^3b$  bay?

**Montre travay ou.**

**Repons** \_\_\_\_\_

**37**

Jeff vle achte yon kat telefòn pou l fè apèl long distans. Li ka achte yon kat 200 minit pou \$10,00 oswa yon kat 300 minit pou \$12,00. Kilès nan kat yo ki gen pi bon valè?

**Montre travay ou.**

**Repons** \_\_\_\_\_

**38**

Senplifye ekspresyon ki anba a.

$$(3x^2 + 4x - 3) - (2x - 1)$$

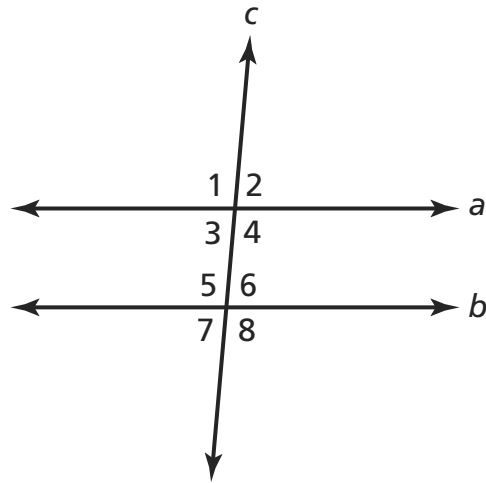
**Montre travay ou.**

**Repons** \_\_\_\_\_

***Kontinye***

**39**

Nan chema ki anba  $a$ , dwat  $a$  ak dwat  $b$  paralèl, dwat  $c$  se yon dwat sekant, e mezi  $\angle 1$  se  $100^\circ$ .



[pa trase selon echèl la]

Èske  $\angle 3$  kongriyan a  $\angle 1$ ? Sou liy ki anba yo, eksplike fason ou te jwenn repons ou. Si li pa kongriyan, bay bon mezi  $\angle 3$ .

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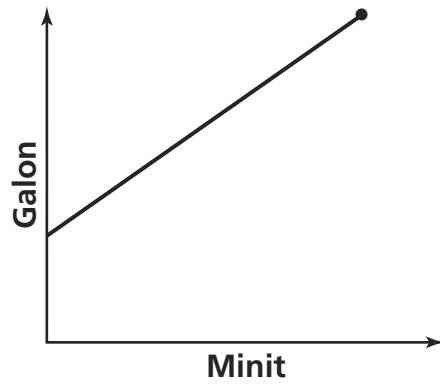
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40

Sou liy ki anba yo, dekri yon sitiyasyon ke yo ta ka reprezante nan graf ki pi ba a.



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Sou liy ki anba yo, eksplike rezon kifè graf la pa pase atravè orijin lan nan sitiyasyon w dekri a.

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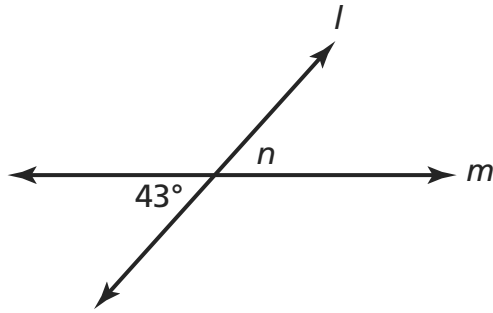
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***Kontinye***

41

Nan chema ki pi ba a, dwat  $l$  ak  $m$  entèsekte. Ki mezi ang  $\angle n$  nan chema yo montre pi ba a?



[pa trase selon echèl la]

**Repons** \_\_\_\_\_ degre

Sou liy ki anba yo, eksplike fason ou te jwenn repons ou.

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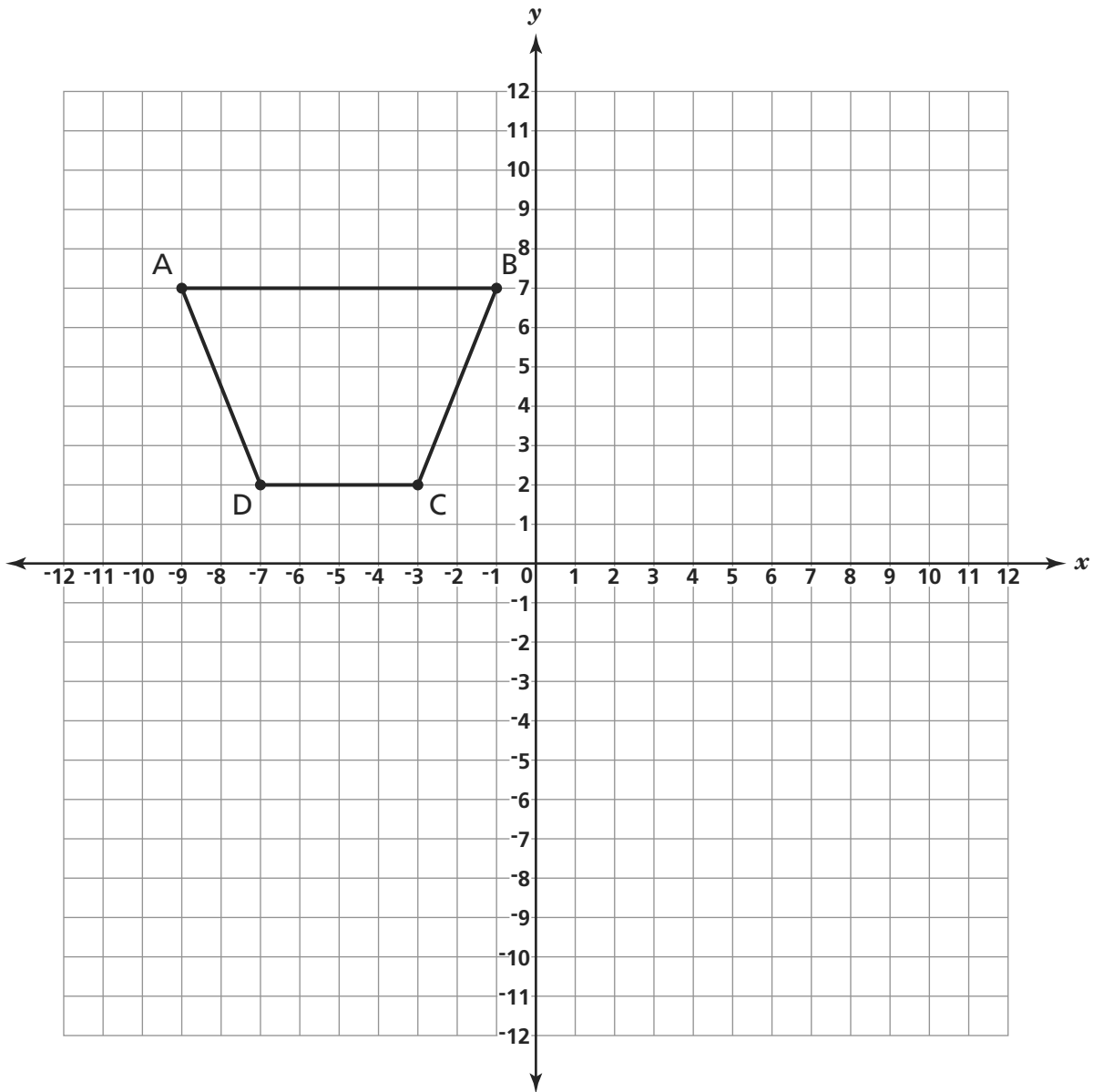
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42

Shawn te trase figi ABCD. Li planifye pou l kreye figi A'B'C'D' nan fè translasyon figi ABCD 6 inite anba ak 4 inite adwat. Sou plan koòdone pi ba a, trase epi mete tit sou figi A'B'C'D' Shawn nan.



Après Shawn gen lentansyon kreye figi A''B''C''D'' nan fè translasyon figi A'B'C'D' 2 inite anwo ak 8 inite adwat. Kisa koòdone pwen A'' yo pral ye?

**Repons** \_\_\_\_\_

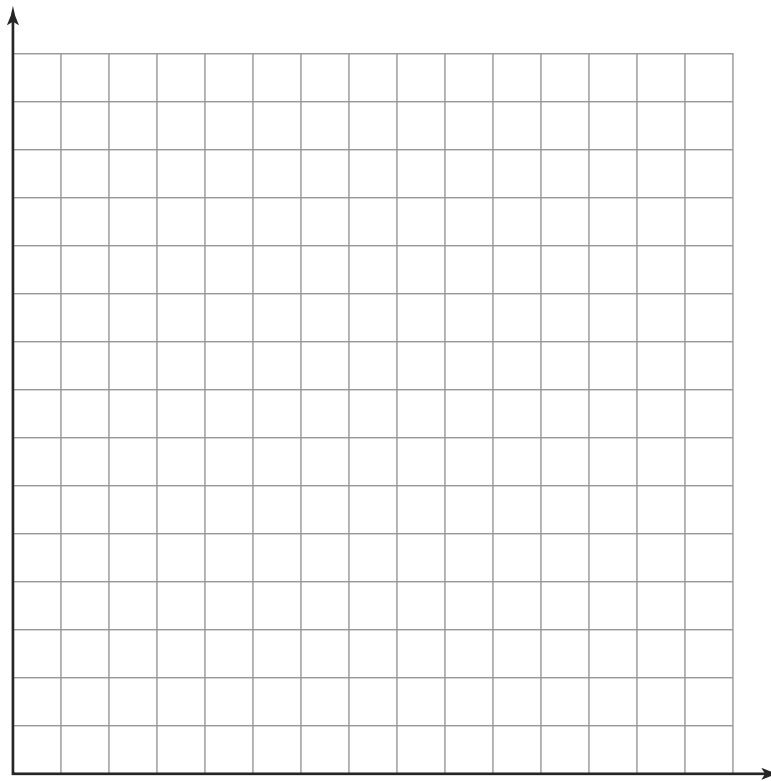
***Kontinye***

43

Melinda fè chapo pou l bay kòm kado. Li bezwen 2 jou pou l konplete chak chapo. Sou kadriyaj ki pi ba a, kreye yon graf lineyè ki montre relasyon ant kantite jou li pran Melinda pou l fè chapo ak kantite chapo li konplete.

Asire ou

- mete tit sou graf la
- mete tit sou aks yo
- trase graf tout done yo



Konbyen chapo Melinda pral fè nan 14 jou?

**Repons** \_\_\_\_\_ chapo

**44** Lenora ap pratike senplifye ekspresyon pou klas matematik li a.

**Pati A**

Lenora senplifye ekspresyon  $(2x^{-1}y^4)(5x^3y^2)$ , jan yo montre l pi ba a.

$$(2x^{-1}y^4)(5x^3y^2) = 10x^{-3}y^8$$

Èske Lenora te senplifye ekspresyon an kòrèkteman? Sou liy ki anba yo, eksplike fason ou te jwenn repons ou.

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**Pati B**

Ki repons Lenora pral jwenn si li senplifye ekspresyon ki anba a, kòrèkteman?

$$\frac{4x^3y^5}{2x^2y}$$

**Repons** \_\_\_\_\_

***Kontinye***

**45**

Ki solisyon ekwasyon ki pi ba a?

$$4(x + 5) = x + 8$$

**Montre travay ou.**

**Repons**  $x =$  \_\_\_\_\_

Verifye pou wè si repons ou kòrèk.

**Montre travay ou.**

**RETE LA**



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Place Student Label Here



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