



**NEW ENGLAND  
COMMON ASSESSMENT PROGRAM**

**Student Work Samples  
2009**

**Grade 5**



# Mathematics

11

Tonya's number is 48,716.

11

48,761 ~~1; 4; 6; 7; 8~~

11

48,692 is Tonya's number.



12

Every time you should add 2 more stars to the left and right side you should also add 1 to the top and bottom,



12

The rule is to add 6 over and over. Also the 5 pattern will have 30 stars.



12

The next step is Gona have 32  
Stars

13

a.  $24 - K = 8 + 16$   $K = 16$

b. It means the koala bear is awake for 8 hours and asleep for 16.

13

1 14  
~~24~~  
1 6  
10 8  
Hours

13

$$K=16 \quad 24-K=8 \quad a$$

Koala Bear sleeps 8 hours  
a Day.

13

a.  $24 - 8 = 16$

b.  $24 - k$  means what the answer of

$24 \div k = 16$

$k = 8$

13

~~10/10~~  
10/10

7 Hours



14

50, 52, 53, (54), 56, 58, 62.



14

First I will put the numbers in order.

~~50~~, ~~52~~, ~~53~~, 54, ~~56~~, ~~58~~, ~~62~~

Second I will cross off 50 and 62. Now 52 and 58. Now 53 and 56.

So 54 is my Median (middle number)



14

it is 54 cards



14

~~50, 52, 53, 56, 58, 62~~  
54 1/2



14

The median is 62  
because that is the  
Most.

All the cards  
together will be  
385 cards.

15

a.) The fastest way is 4 miles.

---

b.) The fastest way is 12 miles

---

c.) Answer

2 miles  
more!

- 6 miles From Marc's to David's
- 8 miles From David's to the library

From Marc's to  
library:  
12 miles

$$\begin{array}{r} 8 \\ + 6 \\ \hline 14 \end{array} \quad \begin{array}{r} 14 \\ - 12 \\ \hline 2 \end{array}$$

14 miles

A.  $\frac{1 \text{ inch}}{4}$  4 miles

C Marks to Library = 3 in  
 to Davids =  $1\frac{1}{2}$   
 to Library = + 2

3 in.  $\times$  Library = + 2

$3 \times 4 = 12$   
12

$$\begin{array}{r} 3\frac{1}{2} \times 4 \\ \times 4 \\ \hline 14 \end{array}$$

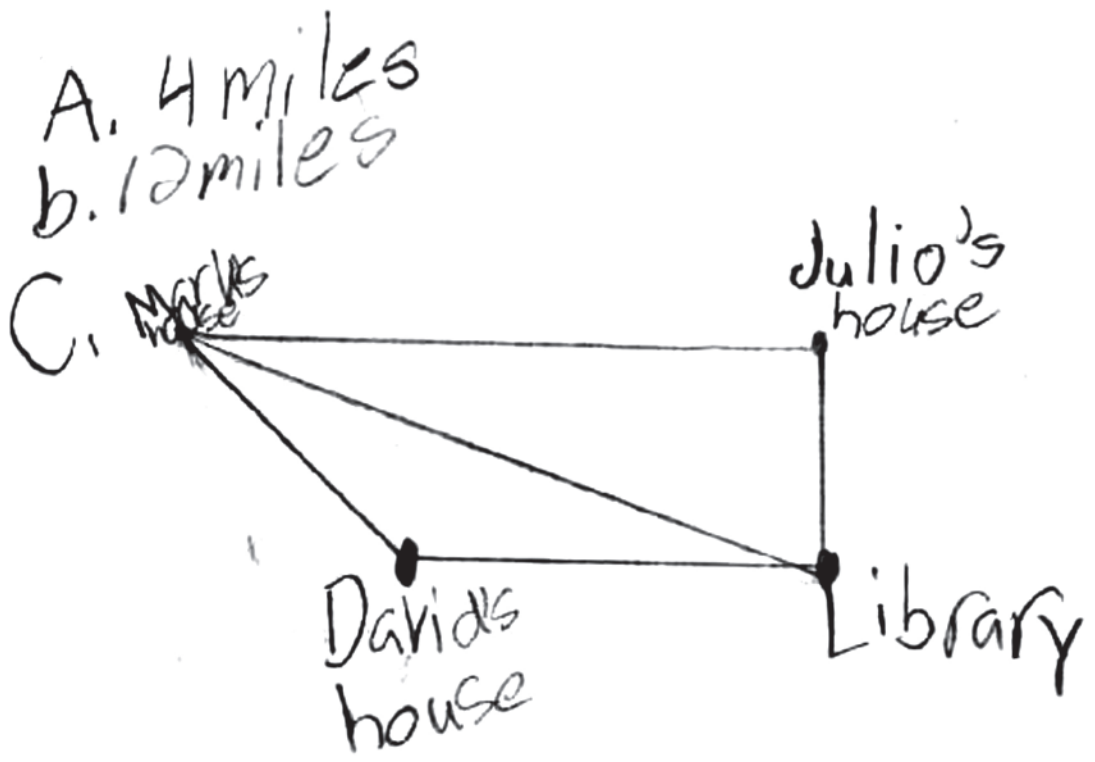
$\frac{3 \text{ in}}{4} = 7\frac{1}{2} \text{ miles}$

$\frac{12}{6} = 2$   
2

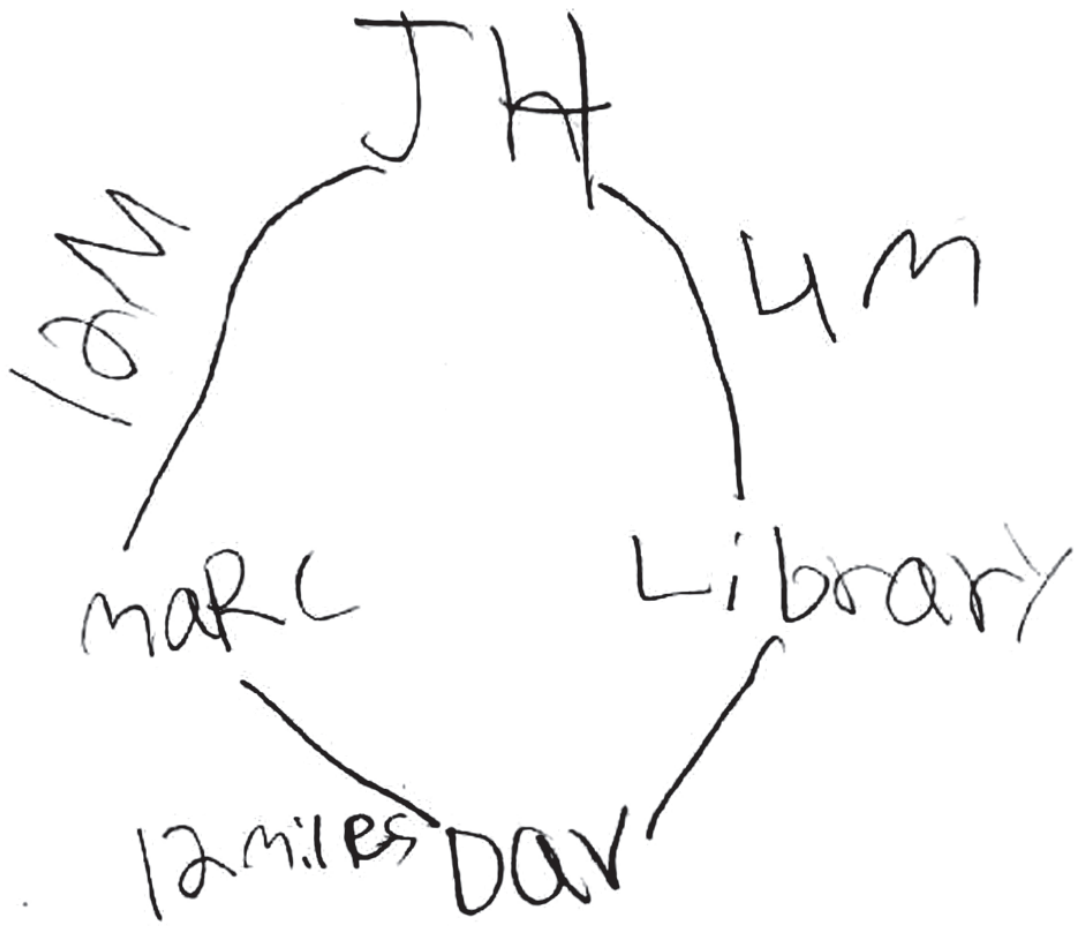
15

From Julio's house to the library it's 4 miles. From Marc's house to Julio's it's 12 miles.

From Marc's house to David's house it's 6 miles and from David's house to the library it's 8. So it took Marc 14 miles to get to the library.



2 more miles



I 15 4  
miles because  
 $lin = 4 \text{ miles}$

15

A. 64 miles

B. 12 miles

C. He will have to go  
4 more miles.

15

(A) 1 mile is the shortest distance to the library.

(B) 3 miles is the shortest distance from Marc's house to Julio's house.

(C) The distance from Marc's house to David's then to the library is 9 miles.

$$4 + 5 = 9$$