29 ***3rd Grade***

The first picture shows Jake's birthday cake.

The next picture shows how much cake was left after Jake's party.

What fraction of the birthday cake was left after the party?

A $\frac{1}{2}$

B $\frac{2}{12}$

C $\frac{2}{10}$

D $\frac{10}{12}$

GO ON

30 ***4th Grade***

The following table shows the lengths of four rivers.

Name of River	Length (in Miles)
Ob River	Two thousand, two hundred sixty-eight
Zambezi River	Two thousand, two hundred
Mackenzie River	Two thousand, six hundred thirty-five
Niger River	Two thousand, six hundred

Which river in the table has the **LONGEST** length?

F Ob River

G Zambezi River

H Mackenzie River

J Niger River

31 ***5th Grade***

The table below shows the start and end times that David exercises each day. If David exercises the same amount of time each day, find his stopping time on Friday.

Day	Start	End
Tuesday	10:22 AM	12:12 PM
Wednesday	2:03 PM	3:53 PM
Thursday	11:18 AM	1:08 PM
Friday	10:43 AM	

What time did David stop on Friday?

A 1:33 PM

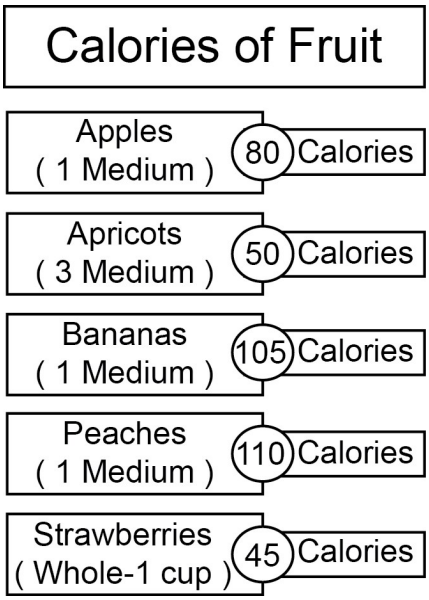
B 12:15 PM

C 12:33 AM

D 12:33 PM

32 ***6th Grade***

The table below shows the number of calories in some different fruits.



What is the median number of calories of these fruits?

F 65

G 78

H 80

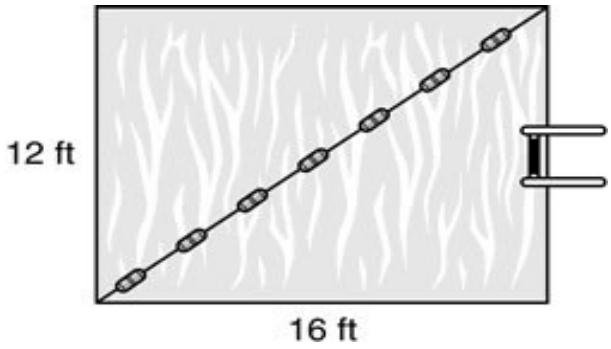
J 105

33 ***7th Grade***

Lewis traveled 618 miles and used 24 gallons of gas. How many miles per gallon of gasoline, to the nearest whole number, did Lewis get on this trip?

Record your answer and fill in the bubbles on your answer document. Be sure to use the correct place value.

A motel stretched a string of decorative floats diagonally across the pool as shown below.



What was the length of the string of floats?

F 15 feet

G 16 feet

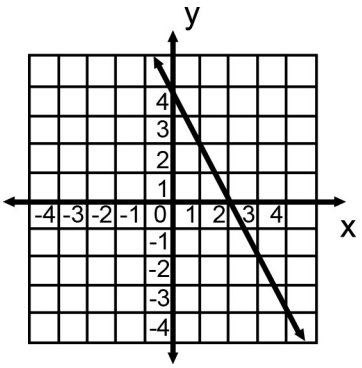
H 20 feet

J 28 feet

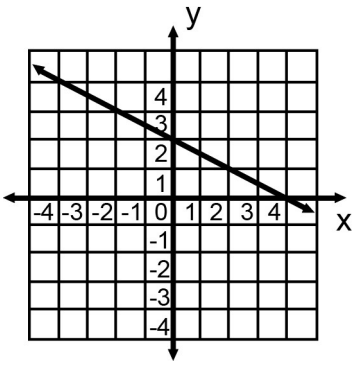
Which of the graphs below could generate this table of values?

x	***y***
– 4	4
– 2	3
0	2
2	1
4	0

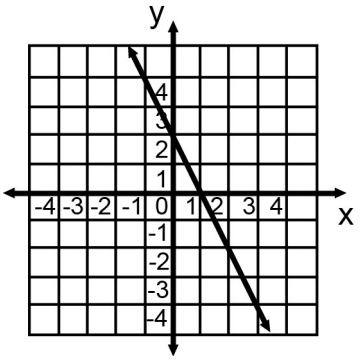
A



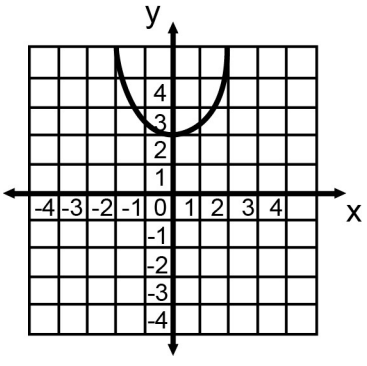
B



C



D



GO ON

36 ***Algebra II***

Solve $0 = 7x^2 - 253x - 1{,}700$ to the nearest hundredth.

F 5.79 and -41.93

G -5.79 and 41.93

H 18.07 and -3,986.00

J 0 and -1,700

37 ***Geometry***

The table below illustrates a relationship between the number of sides in any given polygon and the sum of the angle measures of that polygon.

Number of Sides	Sum of Angle Measures
3	180
4	360
5	540
6	720
n	

Which of the following best expresses this relationship?

A $60n$

B $180n$

C $180(n - 2)$

D $90n$

GO ON