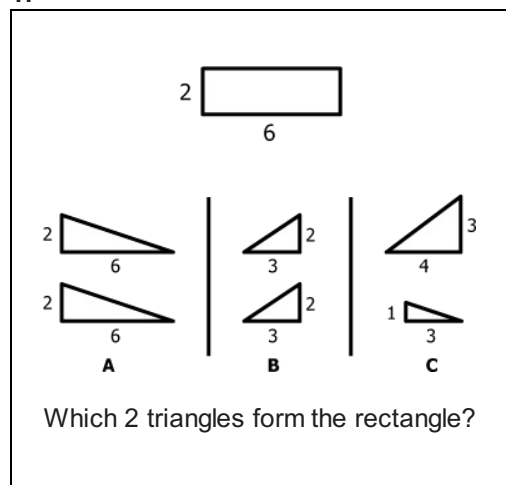


Math Nums Ops Algebra and Geometry 7_5

Student Name: _____

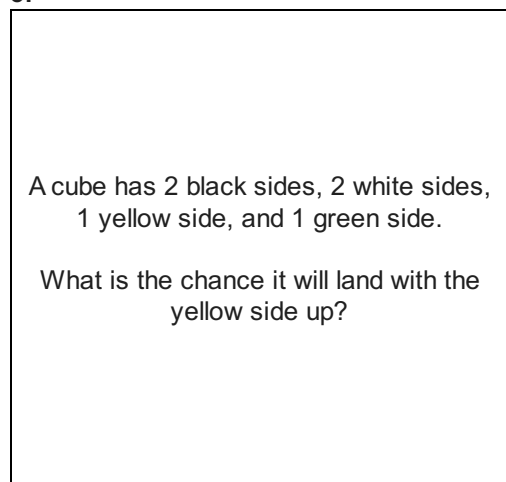
Date: _____

1.



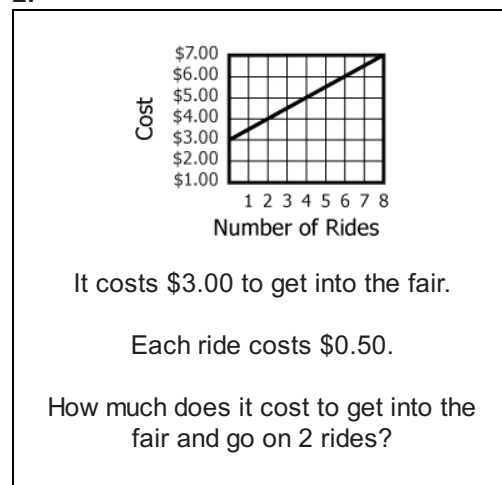
- A. A
- B. B
- C. C

3.



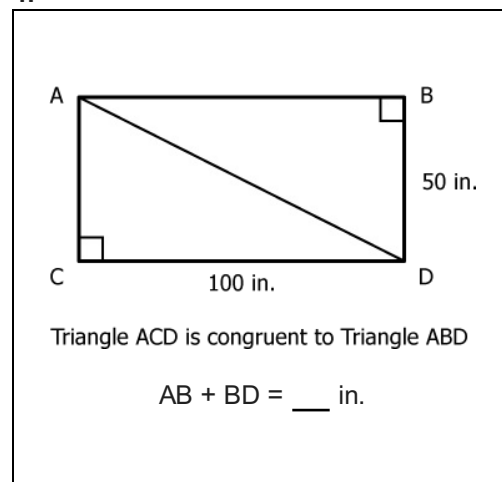
- A. $\frac{1}{6}$
- B. $\frac{1}{3}$
- C. $\frac{1}{2}$

2.



- A. \$1.00
- B. \$5.00
- C. \$4.00

4.



- A. 100
- B. 125
- C. 150

5.

Tax is 6%.

Lin spends \$50.00.

How much does she pay in tax?

- A. \$6
- B. \$30
- C. \$3

7.

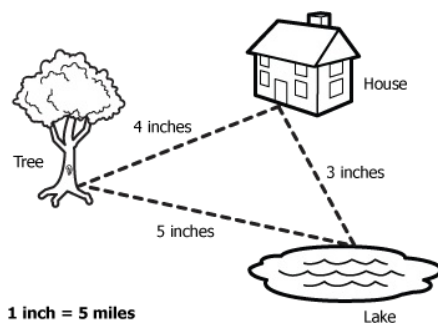
A pool has 20 gallons of water.

Jeff adds 3.5 gallons per minute for (n) minutes.

Which shows this?

- A. $20n + 3.5$
- B. $20 + 3.5$
- C. $20 + 3.5n$

6.



How many miles from the tree to the lake?

- A. 25
- B. 20
- C. 5

8.

Amount of Recycling for Families

Number of Families	Lbs of Recycled Materials
5	25
10	50
15	75
20	100

12 families have ____ lbs. of recycling.

- A. 60
- B. 15
- C. 100

9.

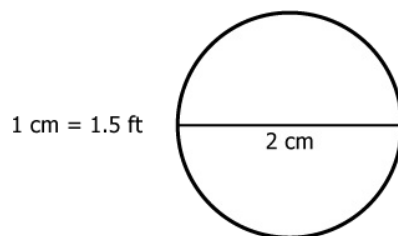
5 CDs cost \$45.00.

3 CDs cost ____.

- A. \$27.00
- B. \$9.00
- C. \$15.00

10.

This is a scale model of a table.



What is the diameter of the table?

- A. 1.5 ft.
- B. 6 ft.
- C. 3 ft.

11.

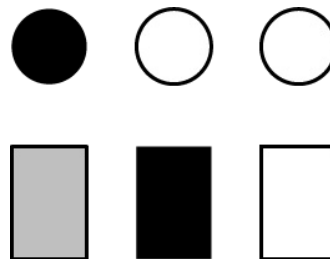
Truck Facts

Truck	Cost in \$	Tons it can tow
1	20,000	8
2	22,000	12
3	40,000	28
4	35,000	24

Which Truck can tow 2 times as much as Truck 2?

- A. Truck 3
- B. Truck 4
- C. Truck 1

12.

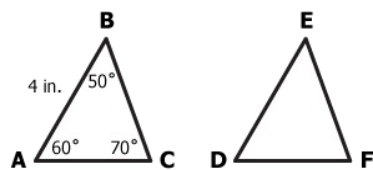


Dan picks one shape without looking.

What is the chance that he picks a white shape?

- A. $\frac{1}{3}$
- B. $\frac{2}{7}$
- C. $\frac{1}{2}$

13.



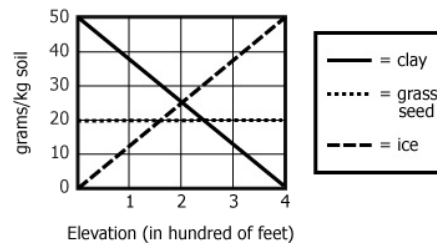
The triangles are similar.

$$m \angle F = \underline{\hspace{1cm}}$$

- A. 70°
- B. 60°
- C. 50°

14.

Grams of Material per 1 kg Soil



There is the same ___ at all elevations.

- A. grass seed
- B. clay
- C. ice

15.

1 mile = about 1.6 kilometers

A car goes 5 miles.

How many kilometers did it go in all?

- A. 8
- B. 7.4
- C. 9.2

16.

1 kiloliters = 1,000 liters

142 kiloliters = ___ liters

- A. 0.1420
- B. 142,000
- C. 1.420