

sample

A

$$18 - 12.5 =$$

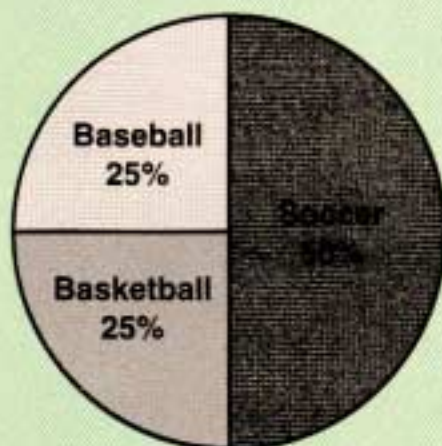
- A** 6.5
- B** 30.5
- C** 5.5
- D** 7.5
- E** None of these

sample

B

This circle graph shows how many students prefer three different sports. About how many students preferred basketball?

- F** 970
- G** 750
- H** 25
- J** 250



Students Sport Preferences
Total = 1000 students

1

$4.6 - 0.2 =$

- A 4.4
B 2.6
C 4.04
D 44.0
E None of these

2

$-15 + 4 =$

- F -19
G 19
H 11
J -11
K None of these

3

$10\% \text{ of } 800 =$

- A 8
B 80
C 90
D 800
E None of these

4

$$\begin{array}{r} 7\frac{5}{6} \\ -5\frac{1}{3} \\ \hline \end{array}$$

F 24

G $2\frac{1}{2}$ H $\frac{4}{6}$

J 3

K None of these

5

Which sign cannot go in the circle to make the number sentence true?

$(6 \bigcirc 2) \bigcirc 3 = (3 \bigcirc 6) \bigcirc 2$

A -

B +

C \times

D None of these



GO

Directions: Prospect Park Middle school is sponsoring a triathlon. Do Numbers 6 through 9 about the event.

- 6 The triathlon is raising money by charging entry fees. They collected \$600 in entry fees. Each participant paid \$10. How many people paid to participate in the event?

F 6
G 60
H 600
J 6000
K None of these

7 **Jill's Results**

Part	Time
Swim	13.8 seconds
Run	26.4 seconds
Bike	

Triathlon participants must complete a swimming, a biking, and a running part to finish the race. Jill's total time for the triathlon was 65.10 minutes. What was Jill's biking time?

A 24.9
B 25.9
C 24.2
D 41.2
E None of these

- 8 Brianne ran 3 miles in 24 minutes. At this rate, how long would it take her to run 7 miles?

F 56 minutes
G 37 minutes
H 31 minutes
J 27 minutes
K None of these

- 9 The race committee hired a race official for a triathlon. They paid the race official \$5.50 per hour for $2\frac{1}{2}$ hours. How much did the race committee pay for the race official?

A \$1.50
B \$5.25
C \$10.00
D \$13.75
E None of these

Directions: For Numbers 10 through 14 you do not need to find the exact answer. Use estimation to help you choose the best answer.

- 10 Use estimation to find which problem will have the largest answer.

F

$$\begin{array}{r} 326 \\ 361 \\ + 64 \\ \hline \end{array}$$

H

$$\begin{array}{r} 279 \\ 485 \\ + 53 \\ \hline \end{array}$$

G

$$\begin{array}{r} 195 \\ 484 \\ + 211 \\ \hline \end{array}$$

J

$$\begin{array}{r} 405 \\ 37 \\ + 621 \\ \hline \end{array}$$

- 11 Which of these is the best estimate of

$$0.5 \times 8.17 = \square ?$$

- A** 4
B 16
C 0.2
D 40

- 12 Which of these is the best estimate of

$$46\% \text{ of } 38.19 = \square ?$$

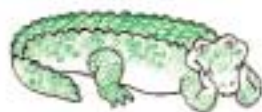
- F** 20
G 40
H 10
J 2



- 13 The population of California is 33,871,648. The population of New York State is 18,976,457.

The population of California is _____ million greater than the population of New York State.

- A between 13 and 14
 - B between 14 and 15
 - C between 15 and 16
 - D between 16 and 17
- 14 Apples cost \$1.12 per pound. How many pounds of apples can you buy for \$8.00?
- F less than 6 pounds
 - G between 6 and 7 pounds
 - H between 7 and 8 pounds
 - J more than 8 pounds



STOP