



Name _____ Class _____ Date _____

1 To find the average speed people drive on a road, a police officer records the speeds driven for an hour, using a radar gun. He took the speeds driven and averaged them to be 62.5 mph. If he had recorded speeds for $\frac{1}{2}$ hour, the **average speed would stay the same.**

- A true
- B false



3 A grocery store keeps track of the coupons redeemed each day. Which coupon was redeemed the most?

- A \$0.75 off
- B \$0.50 off
- C \$0.45 off

Amount	Total
\$0.35	57
\$0.45	46
\$0.50	20

4 The following Venn diagram shows the number of people who like only chicken wings, only pizza, or both. How many people like **chicken wings**?

- A 16
- B 25

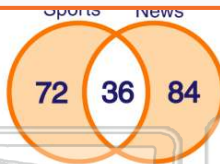


PREVIEW

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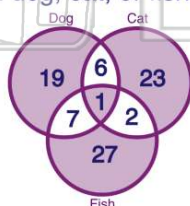
7

- A 120
- B 108
- C 84
- D 72



9 The Venn diagram shows the results of a questionnaire that asked people what animals they owned: dog, cat, or fish. How many people own **only a dog and a fish**?

- A 1
- B 6
- C 2
- D 7

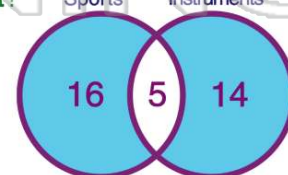


- A 8
- B 13
- C 15
- D 22



10 The Venn diagram shows the number of students who play only sports, only an instrument or both. How many students play a **sport**?

- A 14
- B 16
- C 19
- D 21





ANSWER KEY

To find the average speed people drive on a road, a police officer records the speeds driven for an hour, using a radar gun. He took the speeds driven and averaged them to be 62.5 mph. If he had recorded speeds for $\frac{1}{2}$ hour, the **average speed would stay the same.**

(a)

- A true
- B false



Sam is on a diet and is counting her calories each day. **On what day did she eat the least amount of calories?**

(b)

- A Monday
- B Wednesday
- C Thursday
- D Friday

Day	Calories
Monday	1,500
Tuesday	1,650
Wednesday	1,280
Thursday	1,320
Friday	1,400

A grocery store keeps track of the coupons redeemed each day. **Which coupon was redeemed the most?**

(d)

- A \$0.75 off
- B \$0.50 off
- C \$0.45 off
- D \$0.35 off

Amount	Total
\$0.35	57
\$0.45	46
\$0.50	20
\$0.75	31

The following Venn diagram shows the number of people who like only chicken wings, only pizza, or both. **How many people like chicken wings?**

(c)

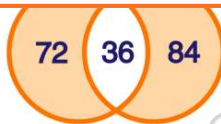
- A 16
- B 25
- C 41



PREVIEW

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- A 120
- B 108
- C 84
- D 72



- A 8
- B 13
- C 15
- D 22

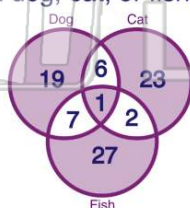


The Venn diagram shows the results of a questionnaire that asked people what animals they owned: dog, cat, or fish.

How many people own only a dog and a fish?

(d)

- A 1
- B 6
- C 2
- D 7



The Venn diagram shows the number of students who play only sports, only an instrument or both. **How many students play a sport?**

(d)

- A 14
- B 16
- C 19
- D 21

