



Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

1 Ms. Knapp conducted a survey of 150 fifth graders' favorite subjects in school. Ms. Knapp put the data in the chart below. How many students indicated that their favorite subject is math?

- A 40
- B 60
- C 75
- D 80

Favorite Subject	% of Students
English	15%
Math	40%
Science	25%
Social Studies	10%
Health	10%

3 Below is a chart of the annual precipitation in five cities. Which city averages the most precipitation in a year?

- A Las Vegas, NV
- B Boston, MA

City	Annual Precipitation (inches)
Annette, AK	103.28
Boston, MA	41.51

5 A for math, C for city, V for value, E for equation, A for answer.



## PREVIEW

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7 M for math, J for journal, H for history, F for fiction.

- A 20
- B 10
- C 25
- D 30

Favorite Book	% of Students
Mystery	15%
Science Fiction	20%
Biography	30%
Fantasy	10%
Other	25%

Is **not purple** out of the bag?



- A  $\frac{3}{4}$
- B  $\frac{1}{5}$
- C  $\frac{4}{5}$
- D  $\frac{1}{12}$

9 Meg has a choice of 3 blouses, 4 skirts, and 2 pairs of shoes as she plans her outfit for a school dance. How many different outfits are possible?

- A 24
- B 12
- C 9
- D 18



10 Tammy and Joe were going to a musical show at the county fair. They could go through 8 different gates to get into the fair. Once inside, there were 6 ticket booths. Past the ticket booths were 4 different paths to the show. How many different ways could Tanya and Jane get from outside the fair to the musical show?

- A 18
- B 52
- C 192
- D 129





## ANSWER KEY

Ms. Knapp conducted a survey of 150 fifth graders' favorite subjects in school. Ms. Knapp put the data in the chart below. How many students indicated that their favorite subject is math?

- A 40
- B 60
- C 75
- D 80

Favorite Subject	% of Students
English	15%
Math	40%
Science	25%
Social Studies	10%
Health	10%

(b)

Mr. Jones conducted a survey of 125 fifth graders favorite type of music. Mr. Jones put the data in the chart below. How many students indicated that their favorite type of music is country?

- A 20
- B 10
- C 25
- D 75

Favorite Music	% of Students
Rock	25%
Jazz	10%
Hip Hop	40%
Country	20%
Other	5%

(c)

Below is a chart of the annual precipitation in five cities. Which city averages the most precipitation in a year?

- A Las Vegas, NV
- B Boston, MA
- C Rochester, NY
- D

City	Annual Precipitation (inches)
Annette, AK	103.28
Boston, MA	41.51
Rochester, NY	31.96
Sioux Falls, SD	33.36

(d)

Below is a chart of the annual precipitation in five cities. Which city averages the least precipitation in a year?

- A Las Vegas, NV
- B Boston, MA
- C Rochester, NY
- D

City	Annual Precipitation (inches)
Annette, AK	103.28
Boston, MA	41.51
Rochester, NY	31.96
Sioux Falls, SD	33.36

(a)



## PREVIEW

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- A 20
- B 10
- C 25
- D 30

Mystery	15%
Science Fiction	20%
Biography	30%
Fantasy	10%
Other	25%

the bag:

- A  $\frac{3}{4}$
- B  $\frac{1}{5}$
- C  $\frac{4}{5}$
- D  $\frac{1}{12}$

Meg has a choice of 3 blouses, 4 skirts, and 2 pairs of shoes as she plans her outfit for a school dance. How many different outfits are possible?

- A 24
- B 12
- C 9
- D 18



(a)

Tammy and Joe were going to a musical show at the county fair. They could go through 8 different gates to get into the fair. Once inside, there were 6 ticket booths. Past the ticket booths were 4 different paths to the show. How many different ways could Tanya and Jane get from outside the fair to the musical show?

- A 18
- B 52
- C 192
- D 129



(c)