



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

1 For dessert you can choose **apple, cherry, blueberry, or pumpkin pie** to eat, and **milk or juice** to drink. How many **different** combinations can you choose from?

- A 8
- B 4
- C 6
- D 12



2 There are **15 homerooms** in the school. There are **20 students** in each homeroom. If the principal selects **5** of the homerooms for a pizza party, what is the **probability** of **Mr. Smith's** homeroom being selected?

- A  $\frac{1}{3}$
- B  $\frac{1}{5}$
- C  $\frac{15}{20}$
- D  $\frac{1}{20}$



3 Max has **5 coins** in his pocket that total **47 cents**. What is the **probability** that he will reach into his pocket and pull out a **dime**, and then **without replacing** it, reach in, and pull out a **quarter**?



4 Karl has the choice of **3 kinds** of sandwiches, **2 drinks**, and **5 snacks** for his lunch. He can choose one of each. How many **different combinations** could Karl choose?

- A 25
- B 10



5



## PREVIEW

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7

Pages	125	278	97	114	346
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- A 346
- B 249
- C 97
- D 181

9

Holly needs **45 cents** worth of stamps to send a letter to her pen pal. She looked at the stamps her mother has, and they are all **15-cent, 10-cent, and 5-cent** stamps. How many **different combinations** of stamps can she put on her letter?

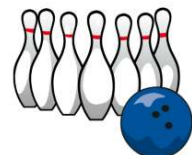
- A 30
- B 12
- C 15
- D 2



10

In three bowling games, Alice scores **139, 143, and 144**. What score will Alice need in a fourth game in order to have an **average score of 145** for all four games?

- A 130
- B 145
- C 154
- D 143



Temperature	37°	35°	33°	32°	30°	30°	29°	30°
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What was the **median** temperature during this 8-hour period?

- A 37°F
- B 33°F
- C 8°F
- D 31°F



## ANSWER KEY

For dessert you can choose **apple, cherry, blueberry, or pumpkin pie** to eat, and **milk or juice** to drink. How many **different** combinations can you choose from?

- A 8
- B 4
- C 6
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(a)

There are **15 homerooms** in the school. There are **20 students** in each homeroom. If the principal selects **5** of the homerooms for a pizza party, what is the **probability** of **Mr. Smith's** homeroom being selected?

- A  $\frac{1}{3}$
- B  $\frac{1}{5}$
- C  $\frac{15}{20}$
- D  $\frac{1}{20}$



(a)

Max has **5 coins** in his pocket that total **47 cents**. What is the **probability** that he will reach into his pocket and pull out a **dime**, and then **without replacing** it, reach in, and pull out a **quarter**?

- A  $\frac{1}{20}$
- B  $\frac{1}{10}$
- C  $\frac{1}{25}$
- D  $\frac{2}{25}$



(b)

Karl has the choice of **3** kinds of sandwiches, **2** drinks, and **5** snacks for his lunch. He can choose one of each. How many **different** combinations could Karl choose?

- A 25
- B 10
- C 30



(c)



## PREVIEW

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- A 346
- B 249
- C 97
- D 181

What was the **median** temperature during this 8-hour period?

- A 37°F
- B 33°F
- C 8°F
- D 31°F

Holly needs **45 cents** worth of stamps to send a letter to her pen pal. She looked at the stamps her mother has, and they are all 15-cent, 10-cent, and 5-cent stamps. How many **different** combinations of stamps can she put on her letter?

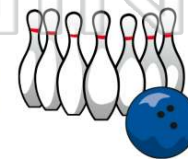
- A 30
- B 12
- C 15
- D 2



(b)

In three bowling games, Alice scores **139, 143, and 144**. What score will Alice need in a fourth game in order to have an **average score** of **145** for all four games?

- A 130
- B 145
- C 154
- D 143



(c)