



Name _____ Class _____ Date _____

1 There is a probability of **.75** that Jose will miss the bus if he stays up past **11:00 p.m.** He does **not** want to miss the bus. What time should he go to bed?

- A 10:00 p.m.
- B 11:00 p.m.
- C 12:00 a.m.
- D does not matter



2 A restaurant offers certain lunches to be ready in **5 minutes**. The probability of those lunches being ready in 5 minutes is **.3**. If he orders the 5-minute lunch, what is **most likely true**?

- A The lunch will be ready in 90 seconds.
- B The lunch will be ready in 3 minutes.
- C The lunch will be ready in 5 minutes.
- D The lunch will not be ready in 5 minutes.

3 Grace is allowed to go swimming if the temperature is over **80°**. The probability that the temperature will be over 80° is **.65**. Grace predicts that she will likely be able to go swimming.

4 If a student studies for a test, there is a probability of **.8** that he will pass the test. If a student does **not** study there is a probability of **.2** that he will pass the test. Raphael predicts that if he studies,



PREVIEW

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

7

- A A
- B B
- C C
- D D

would be predicted to appear next?

- A S C A
- B L D P

9 A die is rolled **50** times. The probability of an even number is **.6** and the probability of an odd number is **.4**.

Mary predicts an even number will be rolled next.

True or false?

- A true B false



10 A poll is taken among **20** students in a middle school to predict which is the more popular lunch meal: pizza or tacos. Of the students, **55%** said **pizza** and **45%** said **tacos**. It is accurate to conclude that pizza is the favorite among **all middle school students**.

True or false?

- A true B false





Name _____ Class _____ Date _____

1 There is a probability of **.75** that Jose will miss the bus if he stays up past **11:00 p.m.** He does **not** want to miss the bus. **What time should he go to bed?**

- A 10:00 p.m.
- B 11:00 p.m.
- C 12:00 a.m.
- D does not matter



A

2 A restaurant offers certain lunches to be ready in **5 minutes**. The probability of those lunches being ready in 5 minutes is **.3**. **If he orders the 5-minute lunch, what is most likely true?**

- A The lunch will be ready in 90 seconds.
- B The lunch will be ready in 3 minutes.
- C The lunch will be ready in 5 minutes.
- D The lunch will not be ready in 5 minutes.

D

3 Grace is allowed to go swimming if the temperature is over **80°**. The probability that the temperature will be over 80° is **.65**. Grace predicts that she will likely be able to go swimming.

A

4 If a student studies for a test, there is a probability of **.8** that he will pass the test. If a student does **not** study there is a probability of **.2** that he will pass the test. **Raphael predicts that if the studies,**

A

5



D

PREVIEW

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

7

- A A
- B B
- C C
- D D

would be predicted to appear next?

- A S C A
- B L D P

D

9 A die is rolled **50** times. The probability of an even number is **.6** and the probability of an odd number is **.4**.

Mary predicts an even number will be rolled next.

True or false?

- A true
- B false



A

10 A poll is taken among **20** students in a middle school to predict which is the more popular lunch meal: pizza or tacos. Of the students, **55%** said **pizza** and **45%** said **tacos**. It is accurate to conclude that pizza is the favorite among **all middle school students**.

True or false?

- A true
- B false



B