Name: _____

Experimental Probability and Predictions

Find each probability. Write it as a fraction in simplest form.

1. A spinner landed on blue 10 times in 20 spins. What is the experimental probability of blue? Predict the number of blue spins in 100 spins.

   Answer: _____

2. A spinner landed on blue 6 times in 50 spins. What is the experimental probability of blue? Predict the number of blue spins in 250 spins.

   Answer: _____

3. A spinner landed on blue 8 times in 40 spins. What is the experimental probability of blue? Predict the number of blue spins in 200 spins.

   Answer: _____

4. A spinner landed on blue 20 times in 50 spins. What is the experimental probability of blue? Predict the number of blue spins in 250 spins.

   Answer: _____

5. A spinner landed on blue 6 times in 40 spins. What is the experimental probability of blue? Predict the number of blue spins in 200 spins.

   Answer: _____

6. A spinner landed on blue 13 times in 50 spins. What is the experimental probability of blue? Predict the number of blue spins in 250 spins.

   Answer: _____

7. A spinner landed on blue 18 times in 40 spins. What is the experimental probability of blue? Predict the number of blue spins in 200 spins.

   Answer: _____

8. A spinner landed on blue 5 times in 50 spins. What is the experimental probability of blue? Predict the number of blue spins in 250 spins.

   Answer: _____

9. A spinner landed on blue 11 times in 50 spins. What is the experimental probability of blue? Predict the number of blue spins in 250 spins.

   Answer: _____

10. A spinner landed on blue 9 times in 60 spins. What is the experimental probability of blue? Predict the number of blue spins in 300 spins.

    Answer: _____

Name: **ANSWER KEY**

Experimental Probability and Predictions

Find each probability. Write it as a fraction in simplest form.

1. A spinner landed on blue 10 times in 20 spins. What is the experimental probability of blue? Predict the number of blue spins in 100 spins.

   Answer: $\frac{1}{2}$, about 50

2. A spinner landed on blue 6 times in 50 spins. What is the experimental probability of blue? Predict the number of blue spins in 250 spins.

   Answer: $\frac{3}{25}$, about 30

3. A spinner landed on blue 8 times in 40 spins. What is the experimental probability of blue? Predict the number of blue spins in 200 spins.

   Answer: $\frac{1}{5}$, about 40

4. A spinner landed on blue 20 times in 50 spins. What is the experimental probability of blue? Predict the number of blue spins in 250 spins.

   Answer: $\frac{2}{5}$, about 100

5. A spinner landed on blue 6 times in 40 spins. What is the experimental probability of blue? Predict the number of blue spins in 200 spins.

   Answer: $\frac{3}{20}$, about 30

6. A spinner landed on blue 13 times in 50 spins. What is the experimental probability of blue? Predict the number of blue spins in 250 spins.

   Answer: $\frac{13}{50}$, about 65

7. A spinner landed on blue 18 times in 40 spins. What is the experimental probability of blue? Predict the number of blue spins in 200 spins.

   Answer: $\frac{9}{20}$, about 90

8. A spinner landed on blue 5 times in 50 spins. What is the experimental probability of blue? Predict the number of blue spins in 250 spins.

   Answer: $\frac{1}{10}$, about 25

9. A spinner landed on blue 11 times in 50 spins. What is the experimental probability of blue? Predict the number of blue spins in 250 spins.

   Answer: $\frac{11}{50}$, about 55

10. A spinner landed on blue 9 times in 60 spins. What is the experimental probability of blue? Predict the number of blue spins in 300 spins.

    Answer: $\frac{3}{20}$, about 45