Probability · Grade 6

Name _____ Date _____ Score _____ / 6

01 Decimal: A bag has 11 red, 10 blue, and 12 green marbles. P(green) =

Answer: _____

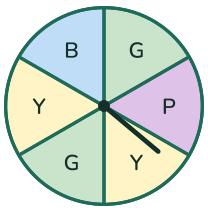
02 Decimal: A letter is chosen at random from the word PROBABILITY. P(a vowel) =

Answer: _____

03 Fraction: Rolling a fair die, P(NOT an even number) =

Answer: _____

04 Percent: Spin the spinner once. P(not purple) =



Answer: _____

05 A spinner has 8 equal sections, and 2 of them are blue. If you spin it 80 times, about how many times should it land on blue?

Answer: _____

06 Decimal: A die was rolled 40 times and showed a 6 on 8 rolls. What is the experimental probability of rolling a 6?

Answer: _____

Probability · Grade 6 (Answer Key)

01 Decimal: A bag has 11 red, 10 blue, and 12 green marbles. P(green) =

≈0.36 (4/11, ≈36.4%)

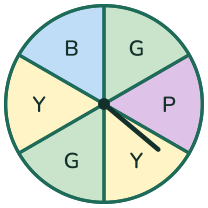
02 Decimal: A letter is chosen at random from the word PROBABILITY. P(a vowel) =

≈0.36 (4/11, ≈36.4%)

03 Fraction: Rolling a fair die, P(NOT an even number) =

1/2 (0.50, 50.0%)

04 Percent: Spin the spinner once. P(not purple) =



≈83.3% (5/6, ≈0.83)

05 A spinner has 8 equal sections, and 2 of them are blue. If you spin it 80 times, about how many times should it land on blue?

about 20

06 Decimal: A die was rolled 40 times and showed a 6 on 8 rolls. What is the experimental probability of rolling a 6?

0.20 (1/5, 20.0%)