Probability · Grade 8

Name _____ Date _____ Score _____ / 6

01 Rolling a fair die, P(NOT a prime number) =

Answer: _____

02 A bag has 6 red and 5 blue marbles. P(blue) =

Answer: _____

03 A letter is chosen at random from the word PROBABILITY. P(the letter P) =

Answer: _____

04 Rolling a fair die, P(a number at least 5) =

Answer: _____

05 Rolling a fair die, P(NOT a number less than 3) =

Answer: _____

06 A spinner has 10 equal sections. P(a multiple of 3) =

Answer: _____

PROBABILITY · GRADE 8

Probability · Grade 8 (Answer Key)

01 Rolling a fair die, P(NOT a prime number) =

1/2 (0.50, 50.0%)

02 A bag has 6 red and 5 blue marbles. P(blue) =

5/11 (≈0.45, ≈45.5%)

03 A letter is chosen at random from the word PROBABILITY. P(the letter P) =

1/11 (≈0.09, ≈9.1%)

04 Rolling a fair die, P(a number at least 5) =

1/3 (≈0.33, ≈33.3%)

05 Rolling a fair die, P(NOT a number less than 3) =

2/3 (≈0.67, ≈66.7%)

06 A spinner has 10 equal sections. P(a multiple of 3) =

3/10 (0.30, 30.0%)