Probability · Grade 7

Name _____ Date _____ Score _____ / 6

01 Fraction: P(rolling an even number on a die AND spinning blue or green on a 4-colour spinner) =

Answer: _____

02 Decimal: P(rolling a number greater than 4 on a die AND spinning blue or green on a 4-colour spinner) =

Answer: _____

03 Percent: P(spinning blue or green on a 4-colour spinner AND rolling a 3 on a die) =

Answer: _____

04 Decimal: In 100 basketball free throws, a player scored 78. What is the experimental probability of scoring?

Answer: _____

05 Fraction: Two coins are flipped. P(at least one head) =

Answer: _____

06 Fraction: P(flipping heads on a coin AND rolling an even number on a die) =

Answer: _____

Probability · Grade 7 (Answer Key)

01 Fraction: P(rolling an even number on a die AND spinning blue or green on a 4-colour spinner) =

1/4 (0.25, 25.0%)

02 Decimal: P(rolling a number greater than 4 on a die AND spinning blue or green on a 4-colour spinner) =

≈0.17 (1/6, ≈16.7%)

03 Percent: P(spinning blue or green on a 4-colour spinner AND rolling a 3 on a die) =

≈8.3% (1/12, ≈0.08)

04 Decimal: In 100 basketball free throws, a player scored 78. What is the experimental probability of scoring?

0.78 (39/50, 78.0%)

05 Fraction: Two coins are flipped. P(at least one head) =

3/4 (0.75, 75.0%)

06 Fraction: P(flipping heads on a coin AND rolling an even number on a die) =

1/4 (0.25, 25.0%)