FUN MATH KIDS

Easy

Conditional Probability Word Problems

Topic: Tree diagrams and conditional P in context · Grade: grade 8

Name: _____ Date: _____ Score: _____/ 6

Read each problem, track how the events depend on each other, and write the probability as a simplified fraction.

1. A bag holds 5 red and 5 blue counters. Two are taken without replacement. Find the probability that bo th are red.

Answer: _____

2. A bag holds 4 red and 4 blue counters. Two are taken without replacement. Find the probability th at both are red.

Answer: _____

3. A bag holds 5 red and 2 blue counters. Two are taken without replacement. Find the probability that bo th are red.

Answer: _____

4. A bag holds 2 red and 4 blue counters. Two are taken without replacement. Find the probability th at both are red.

Answer: _____

5. A bag holds 3 red and 5 blue counters. Two are taken without replacement. Find the probability that bo th are red.

Answer: _____

6. A bag holds 3 red and 3 blue counters. Two are taken without replacement. Find the probability th at both are red.

Answer: _____