Simple probability

Assume fair coins, fair six-sided dice and equally likely bag items. Give each probability as a fraction in its simplest form.

Name: _____ Date: _____

1. A die lands on an even number.

2. A die lands above 4.

3. A die lands on 1.

4. A die lands below 5.

5. Two coins show exactly one head.

6. Two coins show two tails.

7. Two coins show at least one head.

8. A bag has 3 red and 5 blue counters. Pick red.

9. A bag has 4 green and 6 yellow counters. Pick yellow.

10. A bag has 2 black and 7 white counters. Pick black.

11. A die lands on a prime number.

12. A die lands on a number greater than 6.

Free for educational use: teachers may print and share the worksheets with their students.

Simple probability - answer key

Check the method as well as the final value. Exercise pages can be printed without this page.

Name: _____ Date: _____

1. 1/2

2. 1/3

3. 1/6

4. 2/3

5. 1/2

6. 1/4

7. 3/4

8. 3/8

9. 3/5

10. 2/9

11. 1/2

12. 0

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