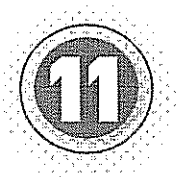


Name: _____

Date: _____

CHAPTER



Probability

Home work
Due Tues. May 5

Lesson 11.1 Compound Events

Tell whether each statement is True or False.

1. Selecting a vowel from the alphabet is a simple event.
2. Getting a six when throwing 2 fair six-sided number dice is a simple event.
3. Getting two heads when tossing 2 coins is a compound event.
4. Selecting a ball labeled 1 from a bag containing 10 balls labeled 1 to 10 is a compound event.

Tell whether each event is a simple or compound event. If it is a compound event, identify the simple events that form the compound event.

5. Selecting the letter M from the word GEOMETRY
6. Drawing a black pebble followed by a white pebble from a bag containing 5 black pebbles and 5 white pebbles
7. Drawing a picture card from an ordinary deck of 52 playing cards
8. Rolling a fair four-sided die twice and obtaining a product of 6

Name: _____

Date: _____

Solve. Show your work.

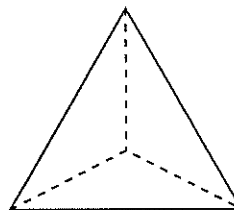
9. A spinner with three equal sectors labeled 1 to 3 is spun and a fair six-sided number die is rolled.
- a) Draw a possibility diagram to represent the possible outcomes.

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- b) How many possible outcomes are there?

10. Jane plays a game involving a regular tetrahedral die and a bag of tiles. The die has four faces labeled A, B, C, and D, and the bag contains 6 tiles labeled Q, W, E, R, T, and Y.

The die is rolled and the spinner is spun, and the results on each are recorded.



- a) Draw a possibility diagram to represent the possible outcomes.

- b) How many possible outcomes are there?