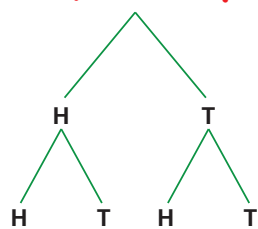


REVIEW: Tree Diagrams

Name _____

Key Concept and Vocabulary



Flip a coin
2 times.

4 possible
outcomes:
HH, HT,
TH, TT

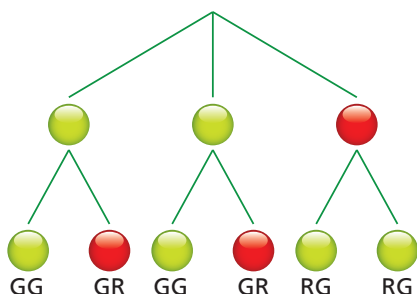


Visual Model



Skill Example

1. Draw 2 marbles one at a time from a sack containing:



Application Example

2. You are drawing 2 marbles one at a time from a sack that contains . In how many ways can you draw 2 green marbles?

There are 2 GGs in the tree diagram.

There are 2 ways to draw 2 green marbles.

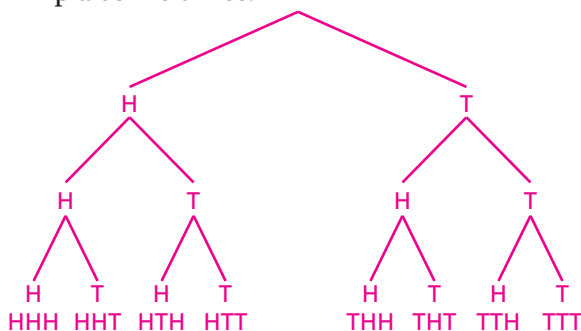
PRACTICE MAKES PURR-FECT®



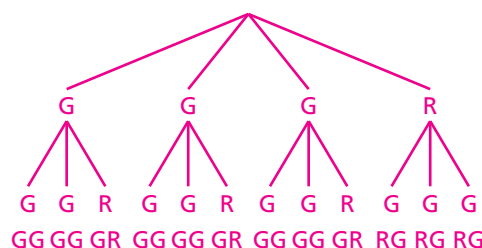
Check your answers at BigIdeasMath.com.

Draw a tree diagram to show all the outcomes.

3. Flip a coin 3 times.



4. Draw 2 marbles one at a time from a sack with



5. You flip a coin 3 times. In how many ways can you get 2 heads and 1 tail? 3

6. You draw 2 marbles one at a time from a sack with . In how many ways can you draw 2 green marbles? 6

7. **CARDS** You draw 2 cards one at a time from the hand at the right. In how many ways can you end up with a sum of 5?
(For instance, $A + 4 = 5$.)

4; $A + 4$, $2 + 3$, $3 + 2$, and $4 + A$

