Name _____ Date _____

Quiz: Tree Diagrams

1. A dice numbered 1 to 6 is rolled and a dime tossed. Draw a tree diagram to represent the possible outcomes.

2. There are 3 different roads from city A to city B and 3 different roads from city B to city C. Draw a tree diagram to represent total path from city A to city C via city B?

3. 2 coins green and blue are tossed simultaneously.
Draw a tree diagram to represent the possible outcomes.

4. A jar contains blue balls numbered 1 to 3, violet balls numbered 1 to 2, and red balls numbered 1 to 2. Draw a tree diagram to represent total outcomes for selecting two marbles.

5. Draw a tree diagram to represent total outcomes for flipping a dime twice.

6. 2 six-sided numbered cubes are rolled.
Draw a tree diagram to represent total outcomes?

7. 2 dimes and one six-sided dice numbered from 1 to 6 are tossed. Draw a tree diagram to illustrate total outcomes.

8. If a shopkeeper has 2 kinds of pens in 2 different ink colors and a notepad of two different sizes.
Draw a tree diagram to select a pen and a notepad.

9. A nurse has 4 patients to visit.
Draw a tree diagram to represent the possible outcomes.

10. A jar contains green marbles numbered 1 to 3 and violet marbles numbered 1 to 2. Draw a tree diagram to represent total outcomes for selecting two balls.

Circle # Correct	0	1	2	3	4	5	6	7	8	9	10
Percentage Score	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%

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