Name _____   Date _____

Predicting the Outcome of Events - Independent Practice Worksheet

Complete all the problems.

1. Nelson has 3 cards and 2 chocolates. He chooses one card and one chocolate at random. How many outcomes are possible for which chocolate and card he picks?

2. Luis flips a coin and then bursts a balloon at random. If he has 2 balloons then how many outcomes are possible?

3. Ryan has 5 number birthday candles. He picks a candle at random.

What is the probability of picking an even candle?

4. Liam has 3 games and 10 songs on his computer. How many outcomes are possible when randomly choosing a song and a game?

5. Madison chooses 1 of 6 coffees and plucks 1 of 4 flowers at random. How many outcomes are possible?

6. Xavier picks a number T-shirt at random.

What is the probability of picking an even numbered T-shirt?

7. Charlie has 7 cards, numbered 2, 3, 4, 5, 6, 7, 8, 9. What is the probability of picking an odd card?

8. Aidan writes numbers on his ten fingers as 5, 7, 9, 11, 13, 15, 16, 19, 22, 23. What is the probability of picking an even numbered finger?

9. Dylan flips a coin and chooses 1 toffee at random. If there are 25 toffees then how many outcomes are possible?

10. Edward flips a coin and fills 1 water bottle at random. If there are 8 water bottles to choose from then how many outcomes are possible?