

Name _____

Date _____

Mixed Probability Word Problems Worksheet 1

Liz has 2 blue, 1 red and 1 white dress(es) and 3 pairs of shoes colored blue, red and white. If she decides at random what to wear, what are the probabilities of wearing:



1. A blue dress and blue shoes
2. Shoes and a dress that are both not white
3. Blue or red shoes

A lottery wheel contains 15% winning tickets. Tom buys one ticket and later another one. What are the chances of :

4. Getting two winning tickets
5. Getting a winning ticket the second time only
6. Not winning at all
7. Winning at least once

A number smaller than 25 is chosen at random. Find the probabilities of choosing:

8. A factor of 20
9. An even number or a 7
10. A number smaller than 15

