Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Homework #81 – Compound Events

Directions: Use the Fundamental Counting Principle to find the total number of possible outcomes.

1. 2)

|  |
| --- |
| Photos |
| Size | Wallet, 4 by 6, 5 by 7, 8 by 10, 11 by 14, 16 by 20 |
| Finish | Matte, Glossy |
| Edits | Red eye, Black and white, Crop |

|  |
| --- |
| Laptops |
| Hard Drive | 250 GB, 320 GB, 500 GB |
| Style | HD, LCD |
| Color | Black, White, Red, Blue, Pink, Green, Purple |

Directions: You spin the spinner and flip a coin.



1. Use a table of tree diagram to find the sample space.
2. P(Spinning a 2 and flipping tails)
3. P(Spinning a 7 and flipping heads)
4. *Not* spinning a 4 and flipping tails