

Section 5.3 Extra Practice

1. Fill in each blank with the correct word. Use the word list to help you.

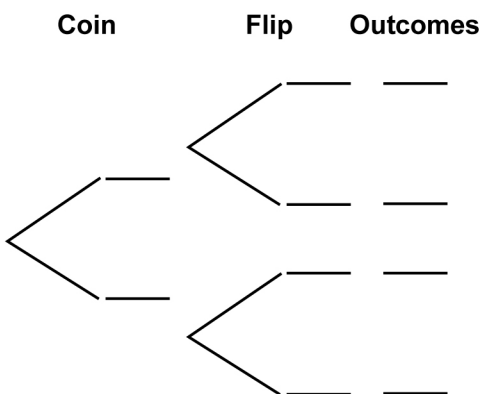
equal heads random tails

In a _____ event, every outcome has an _____ chance of occurring. When you flip a coin, for example, the coin can turn up _____ or _____.

2. Complete the table to show the possible outcomes of flipping two coins.

| | Heads | Tails |
|-------|-------|-------|
| Heads | | |
| Tails | | |

3. Complete the tree diagram to show the possible outcomes of flipping one coin twice.



4. Use the tree diagram from #3 to find the probability of each of the following as a fraction, a decimal, and a percent.

| Outcome | Fraction | Decimal | Percent |
|-------------------------------------|---------------------------|---------|---------|
| a) $P(2 \text{ different results})$ | $\frac{\square}{\square}$ | | |
| b) $P(H,H)$ | $\frac{\square}{\square}$ | | |
| c) $P(\text{at least one H})$ | $\frac{\square}{\square}$ | | |