



Probability and Statistics

Name: _____

Date: _____

Grade: Grade 5

Part A: Fill in the Blank

Write the missing word or number on each line.

1. When you flip 2 fair coins, the total number of equally likely outcomes is _____.
2. $P(\text{both heads})$ when flipping 2 coins = _____.
3. A tree diagram for flipping 2 coins has _____ branches at the second level total.
4. In the set 4, 5, 6, 7, 80, the value _____ is an outlier.
5. Removing the outlier 80 from 4, 5, 6, 7, 80 will most affect the _____ (mean/median).
6. $P(\text{getting tails then heads})$ on 2 coin flips = _____.
7. $P(\text{at least one head})$ on 2 coin flips = _____.
8. A bar graph is best for comparing _____ across categories.
9. A line plot is best for showing the _____ of repeated measurements.

Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

P(HH) on 2 coins	→ _____	1/4
Outlier in 2,3,4,50	→ _____	50
Best display: items per category	→ _____	Bar graph
Best display: frequency of values	→ _____	Line plot

Part A: Fill in the Blank

Write the missing word or number on each line.

1. When you flip 2 fair coins, the total number of equally likely outcomes is 4 .
2. P(both heads) when flipping 2 coins = 1/4 .
3. A tree diagram for flipping 2 coins has 4 branches at the second level total.
4. In the set 4, 5, 6, 7, 80, the value 80 is an outlier.
5. Removing the outlier 80 from 4, 5, 6, 7, 80 will most affect the mean (mean/median).
6. P(getting tails then heads) on 2 coin flips = 1/4 .
7. P(at least one head) on 2 coin flips = 3/4 .
8. A bar graph is best for comparing totals across categories.
9. A line plot is best for showing the frequency of repeated measurements.

Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

P(HH) on 2 coins	→ <u>1/4</u>	1/4
Outlier in 2,3,4,50	→ <u>50</u>	50
Best display: items per category	→ <u>Bar graph</u>	Bar graph
Best display: frequency of values	→ <u>Line plot</u>	Line plot