



Probability and Statistics

Name: _____

Date: _____

Grade: Grade 5

Part A: Fill in the Blank

Write the missing word or number on each line.

1. A tree diagram for flipping 2 coins lists outcomes HH, HT, TH, _____ .
2. P(no heads) when flipping 2 coins = _____ .
3. P(exactly one head) when flipping 2 coins = _____ .
4. In the set 10, 12, 14, 16, 100, the outlier is _____ .
5. After removing 100 from 10, 12, 14, 16, 100, the new mean is _____ .
6. The median of 10, 12, 14, 16, 100 is _____ .
7. P(both tails) on 2 fair coins = _____ .
8. A line plot shows fractional measurements of _____ feet such as $\frac{1}{2}$, $\frac{1}{4}$, $\frac{3}{4}$.
9. A _____ graph is best for showing parts of a whole using a circle.

Part B: Matching

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

1. Match each item to its correct answer.

| | | |
|------------------------------|---------|----------------|
| Outcomes of 2 coin flips | → _____ | HH, HT, TH, TT |
| P(both heads) | → _____ | $\frac{1}{4}$ |
| Outlier in 5,6,7,90 | → _____ | 90 |
| Display for parts of a whole | → _____ | Circle graph |

Part A: Fill in the Blank

Write the missing word or number on each line.

1. A tree diagram for flipping 2 coins lists outcomes HH, HT, TH, **TT** .
2. P(no heads) when flipping 2 coins = **$\frac{1}{4}$** .
3. P(exactly one head) when flipping 2 coins = **$\frac{1}{2}$** .
4. In the set 10, 12, 14, 16, 100, the outlier is **100** .
5. After removing 100 from 10, 12, 14, 16, 100, the new mean is **13** .
6. The median of 10, 12, 14, 16, 100 is **14** .
7. P(both tails) on 2 fair coins = **$\frac{1}{4}$** .
8. A line plot shows fractional measurements of **length** feet such as $\frac{1}{2}$, $\frac{1}{4}$, $\frac{3}{4}$.
9. A **circle** graph is best for showing parts of a whole using a circle.

Part B: Matching

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

1. Match each item to its correct answer.

| | | |
|------------------------------|-----------------------------------|----------------|
| Outcomes of 2 coin flips | → HH, HT, TH, TT | HH, HT, TH, TT |
| P(both heads) | → $\frac{1}{4}$ | $\frac{1}{4}$ |
| Outlier in 5,6,7,90 | → 90 | 90 |
| Display for parts of a whole | → Circle graph | Circle graph |