# **POSSIBLE QUESTIONS FOR DICE GAME**

Below is a checklist of all possible questions that could arise from the dice game played in the Extend portion of the lesson “Percents make Sense.” It is recommended that you check off questions as you go to ensure that questions are not repeated. See the lesson plan for more detail.

## Questions about Owning Pets

|  |  |
| --- | --- |
| * What percentage of boys in the class own pets?
 | * What percentage of the people in this class who own pets are boys?
 |
| * What percentage of girls in the class own pets?
 | * What percentage of the people in this class who own pets are girls?
 |
| * What percentage of people in the class wearing sneakers own pets?
 | * What percentage of the people in this class who own pets are wearing sneakers?
 |
| * What percentage of people in the class wearing glasses or contacts own pets?
 | * What percentage of the people in this class who own pets are wearing glasses or contacts?
 |
| * What percentage of people in the class wearing red own pets?
 | * What percentage of the people in this class who own pets are wearing red?
 |
| * What percentage of people in the class wearing blue own pets?
 | * What percentage of the people in this class who own pets are wearing blue?
 |
| * What percentage of boys in the class do not own pets?
 | * What percentage of the people in this class who do not own pets are boys?
 |
| * What percentage of girls in the class do not own pets?
 | * What percentage of the people in this class who do not own pets are girls?
 |
| * What percentage of people in the class wearing sneakers do not own pets?
 | * What percentage of the people in this class who do not own pets are wearing sneakers?
 |
| * What percentage of people in the class wearing glasses or contacts do not own pets?
 | * What percentage of the people in this class who do not own pets are wearing glasses or contacts?
 |
| * What percentage of people in the class wearing red do not own pets?
 | * What percentage of the people in this class who do not own pets are wearing red?
 |
| * What percentage of people in the class wearing blue do not own pets?
 | * What percentage of the people in this class who do not own pets are wearing blue?
 |
| * What percentage of boys in the class have siblings?
 | * What percentage of the people in this class who have siblings are boys?
 |
| * What percentage of girls in the class have siblings?
 | * What percentage of the people in this class who have siblings are girls?
 |
| * What percentage of people in the class wearing sneakers have siblings?
 | * What percentage of the people in this class who have siblings are wearing sneakers?
 |
| * What percentage of people in the class wearing glasses or contacts have siblings?
 | * What percentage of the people in this class who have siblings are wearing glasses or contacts?
 |
| * What percentage of people in the class wearing red have siblings?
 | * What percentage of the people in this class who have siblings are wearing red?
 |
| * What percentage of people in the class wearing blue have siblings?
 | * What percentage of the people in this class who have siblings are wearing blue?
 |
| * What percentage of boys in the class do not have siblings?
 | * What percentage of the people in this class who do not have siblings are boys?
 |
| * What percentage of girls in the class do not have siblings?
 | * What percentage of the people in this class who do not have siblings are girls?
 |
| * What percentage of people in the class wearing sneakers do not have siblings?
 | * What percentage of the people in this class who do not have siblings are wearing sneakers?
 |
| * What percentage of people in the class wearing glasses or contacts do not have siblings?
 | * What percentage of the people in this class who do not have siblings are wearing glasses or contacts?
 |
| * What percentage of people in the class wearing red do not have siblings?
 | * What percentage of the people in this class who do not have siblings are wearing red?
 |
| * What percentage of people in the class wearing blue do not have siblings?

Questions about Siblings | * What percentage of the people in this class who do not have siblings are wearing blue?
 |
|  |  |
| * What percentage of boys in the class like math?
 | * What percentage of the people in this class who like math boys?
 |
| * What percentage of girls in the class like math?
 | * What percentage of the people in this class who like math are girls?
 |
| * What percentage of people in the class wearing red like math?

Questions about Liking/Loving Math | * What percentage of the people in this class who like math are wearing red?
 |
| * What percentage of people in the class wearing blue like math?
 | * What percentage of the people in this class who like math are wearing blue?
 |
| * What percentage of boys in the class love math?
 | * What percentage of the people in this class who love math are boys?
 |
| * What percentage of girls in the class love math?
 | * What percentage of the people in this class who love math are girls?
 |
| * What percentage of people in the class wearing sneakers love math?
 | * What percentage of the people in this class who love math are wearing sneakers?
 |
| * What percentage of people in the class wearing glasses or contacts love math?
 | * What percentage of the people in this class who love math wearing glasses or contacts?
 |
| * What percentage of people in the class wearing red love math?
 | * What percentage of the people in this class who love math are wearing red?
 |
| * What percentage of people in the class wearing blue love math?
 | * What percentage of the people in this class who love math are wearing blue?
 |