LESSON MAKER PRO

Ask and Count

Ask questions that gather data.

GRADE 2 · 2.PS.1.a

2.PS.1.a "Pose questions, given a predetermined context, that require the collection of data (limited to 25 or fewer data points for no more than six categories)."

NAME _____ DATE _____

ASK TO COLLECT

A data question can be answered by asking people and counting their answers. Name the choices so each person chooses one. Ask 25 or fewer people and use 6 or fewer choices.

WORKED EXAMPLE

A class will ask 14 students about a favorite playground spot. Choices are swings, slide, and sandbox. Write a question.

1. Find what will be counted: each student's choice.
2. Name the 3 choices.
3. Ask one clear question.

Answer: Which playground spot do you like best: swings, slide, or sandbox?

PRACTICE 4 problems

1 A lunch helper will ask 9 children what they want most. Choices are pizza, tacos, and salad. Write a question.

ANSWER _____

2 A reading club will ask 11 students where they like to read. Choices are the rug, a table, and a chair. Write a question.

ANSWER _____

3 A pet store will ask 17 children about a favorite pet. Choices are cat, dog, fish, and bird. Write a question.

ANSWER _____

4 At recess, 20 children will choose a game. Choices are tag, hopscotch, jump rope, and soccer. Write a question.

ANSWER _____

APPLY IT Show your work

1 Your class is choosing a Friday read-aloud. Ask 18 students which book type they want: funny, animal, or mystery. Write a question.

WORK SPACE

ANSWER _____

2 At a birthday party, ask 16 guests which snack they want: apples, popcorn, or crackers. Write a question.

WORK SPACE

ANSWER _____

CHALLENGE One step up

A class will ask 24 students which class pet they would like. Choices are a hamster, turtle, fish, rabbit, or lizard. Write a question. Then tell why it will collect data.

WORK SPACE AND ANSWER

ANSWER KEY

Ask and Count

GRADE 2 · 2.PS.1.a

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	A lunch helper will ask 9 children what they want most. Choices are pizza, tacos, and salad. Write a question.	**Which lunch do you want most: pizza, tacos, or salad?**
2	A reading club will ask 11 students where they like to read. Choices are the rug, a table, and a chair. Write a question.	**Where do you like to read: the rug, a table, or a chair?**
3	A pet store will ask 17 children about a favorite pet. Choices are cat, dog, fish, and bird. Write a question.	**Which pet do you like best: a cat, a dog, a fish, or a bird?**
4	At recess, 20 children will choose a game. Choices are tag, hopscotch, jump rope, and soccer. Write a question.	**Which recess game do you want to play: tag, hopscotch, jump rope, or soccer?**

PART 2 · APPLY IT

1. **Which book type do you want for the read-aloud: funny, animal, or mystery?** The question asks each of 18 students to choose one of 3 book types.
2. **Which snack do you want: apples, popcorn, or crackers?** The question collects one snack choice from each of 16 guests.

CHALLENGE

Which class pet would you like: a hamster, a turtle, a fish, a rabbit, or a lizard? It collects one choice from each student.

Accept any clear question that asks each person to choose one listed category. Wording may differ if the same people and choices are included.