

LESSON

2

Proportional Relationships**Problem Solving: Using Tables to Explore Equivalent Ratios and Rates**

Use the table to answer the questions.

School Outing Student-to-Parent Ratios

Number of Students	8	16	24	32	40	48	56	64	72
Number of Parents	2	4	6	8	10	12	14	16	18

- Each time some students go on a school outing, their teachers invite students' parents to accompany them. Predict how many parents will accompany 88 students.
- Next week 112 students will go to the Science Museum. Their teachers invited some of the students' parents to go with them. How many parents do you predict will go with the students to the Science Museum?

Circle the letter of the correct answer.

- Tanya's class of 28 students will be going to the Nature Center. How many parents do you predict Tanya's teacher will invite to accompany them?
 - 5 parents
 - 7 parents
 - 9 parents
 - 11 parents
- In June, all of the students in the school will be going on their annual picnic. If there are 416 students in the school, what do you predict the number of parents accompanying them on the picnic will be?
 - 52 parents
 - 78 parents
 - 104 parents
 - 156 parents
- Some students will be going on an outing to the local police station. Their teachers invited 13 parents to accompany them. How many students do you predict will be going on the outing?
 - 49 students
 - 50 students
 - 51 students
 - 52 students
- On Tuesday, all of the sixth-grade students will be going to the Space Museum. Their teachers invited 21 parents to accompany them. How many sixth graders do you predict will be going to the Space Museum?
 - 80 sixth graders
 - 82 sixth graders
 - 84 sixth graders
 - 86 sixth graders