

4A Use tables and symbols to represent and describe proportional relationships ...

1. This table shows the results of a survey of 6th-grade students' favorite lunch item.

Item	No. of Students
Pizza	13
Hamburger	8
Enchiladas	4

If 200 students were polled, how many would choose pizza as their favorite item?

- A 25
B 26
C 98
D 104
2. Two-thirds of Ms. Fields' students are girls. If she has 24 students, which expression could be used to find the number of girls?
- A $\frac{2}{3} = \frac{x}{24}$
B $\frac{1}{3} = \frac{x}{24}$
C $\frac{2}{3} = \frac{24}{x}$
D $\frac{1}{3} = \frac{24}{x}$

3. A bag of marbles contains 3 blue marbles and 5 red marbles. If Jessica randomly removes and replaces a marble 20 times, which expression could be used to estimate the number of times she would pick a blue marble?

- A $\frac{3}{5} = \frac{x}{20}$
B $\frac{5}{8} = \frac{x}{20}$
C $\frac{3}{8} = \frac{x}{20}$
D $\frac{5}{3} = \frac{x}{20}$

4. A recipe call for 5 ounces of nuts and makes 2 dozen brownies. Which expression could be used to calculate the amount of nuts necessary to make 5 dozen brownies?

- A $\frac{3}{5} = \frac{x}{2}$
B $\frac{5}{3} = \frac{x}{2}$
C $\frac{2}{5} = \frac{x}{5}$
D $\frac{5}{2} = \frac{x}{5}$