

NAME _____

DATE _____

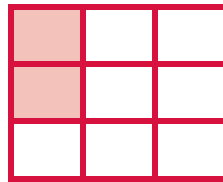


Brownie Dessert page 1 of 2

A fourth grade class earned a brownie dessert party for having the highest attendance in one grading period. Small pans of brownies were cut into 9 pieces, and large pans were cut into 16 pieces.

- 1** Tori ate 2 brownies from a small pan. What fraction of the brownies in that pan did she eat? Draw a sketch to show your thinking.

Work will vary. Example: $\frac{2}{9}$



- 2** Holly ate 1 more brownie than Tori from the same small pan. Write two equivalent fractions that describe how much Holly ate.

$\frac{3}{9}$ and $\frac{1}{3}$

- 3** Henry's table group seats 5 students. Each student ate 2 brownies from a large pan. Write an equation that shows what fraction of a large pan of brownies was eaten at Henry's table.

Work will vary. Example: $5 \times \frac{2}{16} = \frac{10}{16}$

- 4** April ate 1 brownie from a large pan, and her friend, Christina, ate 4 brownies from the same pan.

- a** Write two fractions to tell how much of the large pan of brownies Christina ate.

$\frac{4}{16}$ and $\frac{1}{4}$ (or $\frac{2}{8}$)

- b** What fraction of a large pan of brownies did the girls eat together?

$\frac{5}{16}$

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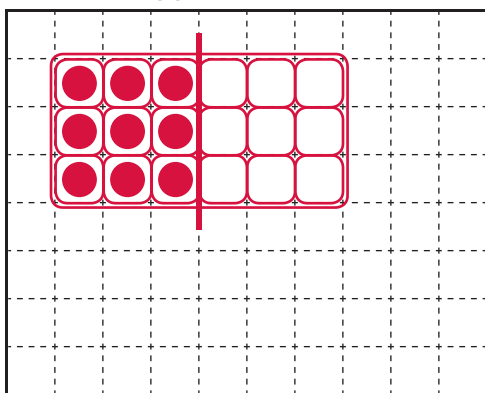
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- 1** Freddy had 2 of the brownies from a large pan. His friend said he ate $\frac{1}{8}$ of the brownies in that pan. Tell why you agree or disagree.

Work will vary. It is true that $\frac{2}{16} = \frac{1}{8}$

- 2 CHALLENGE** In an 18-egg carton, $\frac{1}{3}$ equals 6 eggs. Use the grids below to help you imagine and draw cartons where:

- a** $\frac{1}{2}$ is 9 eggs.



- b** $\frac{3}{8}$ is 18 eggs.

