Fraction stories: divide

Grade 5 · Fractions

Name _____ Date _____

1 Lena cuts $\frac{1}{6}$ of a watermelon into 2 equal slices. Which equation shows what fraction of the whole watermelon each slice is?

Check one:

- ☐ $2 \div \frac{1}{6} = 12$
- ☐ $\frac{1}{6} \times 2 = \frac{2}{6}$
- ☐ $\frac{1}{6} \div 2 = \frac{1}{12}$

2 Nico splits $\frac{1}{8}$ of a birthday cake equally among 3 friends. Which equation shows what fraction of the whole cake each friend gets?

Check one:

- ☐ $3 \div \frac{1}{8} = 24$
- ☐ $\frac{1}{8} \div 3 = \frac{1}{24}$
- ☐ $\frac{1}{8} \times 3 = \frac{3}{8}$

3 Wren has $\frac{1}{2}$ of a tub of clay. Wren rolls that clay into 8 equal balls. What fraction of the whole tub of clay is each ball? ☐

4 Beck has $\frac{1}{2}$ of a pitcher of juice. Beck pours that juice equally into 8 glasses. What fraction of a whole pitcher of juice is in each glass?

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