

Name : _____

Dividing Fractions by Cross Cancelling

Sheet 1

- 1) Ariel makes sofa cushion covers. If one cover requires $\frac{12}{5}$ yards of fabric, how many covers can she make with $\frac{72}{5}$ yards of fabric?
- _____

- 2) Layla walked $\frac{13}{2}$ miles in $\frac{3}{2}$ hours. How many miles did she walk in an hour?
- _____

- 3) Monica roots her plants. If she has $\frac{2}{3}$ of an ounce of fertilizer, how many plants can she root if each plant receives $\frac{1}{6}$ ounce of fertilizer?
- _____

- 4) Beth has a nylon rope that is $\frac{3}{4}$ yard long. She wants to cut it into pieces that are $\frac{1}{12}$ of a yard long. How many pieces can she cut?
- _____

- 5) If it requires $\frac{1}{9}$ of a pound of chicken to make a nugget, how many nuggets can be made with $\frac{9}{8}$ pounds of chicken?
- _____

PREVIEW

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Dividing Fractions by Cross Cancelling

- 1) Ariel makes sofa cushion covers. If one cover requires $\frac{12}{5}$ yards of fabric, how many covers can she make with $\frac{72}{5}$ yards of fabric?

6 covers

- 2) Layla walked $\frac{13}{2}$ miles in $\frac{3}{2}$ hours. How many miles did she walk in an hour?

$\frac{13}{3}$ or 4

- 3) Monica roots her plants. If she has $\frac{2}{3}$ of an ounce of fertilizer, how many plants can she root if each plant receives $\frac{1}{6}$ ounce of fertilizer?

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16 plants

- 4) Beth has a nylon rope that is $\frac{1}{2}$ yard long. She wants to cut it into pieces that are $\frac{1}{12}$ of a yard long. How many pieces can she cut?

11 pieces

- 5) If it requires $\frac{1}{9}$ of a pound of chicken to make a nugget, how many nuggets can be made with $\frac{1}{3}$ pounds of chicken?

18 nuggets
