

Name : _____

Multiplying Fractions by Cross Cancelling

Sheet 1

- 1) The closet in the foyer is $\frac{21}{5}$ feet high, and the closet in the bedroom is $\frac{10}{7}$ times as high as the closet in the foyer. What is the height of closet in the bedroom?

- 2) Orlando picked $\frac{5}{9}$ of a bushel of corn last year. If he collected $\frac{12}{5}$ times the yield this year, how much corn did he harvest in the current year?

- 3) Perry's Earth-Day seeds are $\frac{9}{5}$ times longer than Perry's. How many _____

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- 4) The bird feeder had _____ seeds remained in _____ while, only $\frac{2}{9}$ of the _____ remained?

- 5) Mr. Thompson wants to teach Jo, his daughter, how to ride a bike. They cover $\frac{1}{3}$ of a mile on the first day. If they ride $\frac{3}{2}$ times the distance the next day, how many miles did Jo ride on the second day?

Multiplying Fractions by Cross Cancelling

- 1) The closet in the foyer is $\frac{21}{5}$ feet high, and the closet in the bedroom is $\frac{10}{7}$ times as high as the closet in the foyer. What is the height of closet in the bedroom?

6 feet

- 2) Orlando picked $\frac{5}{9}$ of a bushel of corn last year. If he collected $\frac{12}{5}$ times the yield this year, how much corn did he harvest in the current year?

$\frac{4}{3}$ or 1

- 3) Perry's Earth-Day seeds are $\frac{9}{5}$ times longer than Perry's. How many times longer are Perry's seeds than Perry's Earth-Day seeds?

$\frac{24}{5}$ or 4

- 4) The bird feeder had $\frac{5}{6}$ of an ounce of seeds. If the birds ate $\frac{2}{9}$ of the seeds, how many ounces of seeds remained in the feeder?

$\frac{5}{6}$ of an ounce

- 5) Mr. Thompson wants to teach Jo, his daughter, how to ride a bike. They cover $\frac{1}{3}$ of a mile on the first day. If they ride $\frac{3}{2}$ times the distance the next day, how many miles did Jo ride on the second day?

half a mile

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