

Name : _____

Multiplying Mixed Numbers

Sheet 3

- 1) Ronald took $14\frac{7}{10}$ hours to arrange his books in the bookshelf. He took $3\frac{1}{3}$ times more minutes to organize his closet. How much time did he take to organize the closet?

- 2) Aurora is $1\frac{2}{3}$ years old. Her brother is $7\frac{1}{4}$ times as old as she is. How old is Aurora's brother?

- 3) Carla sews a lace on a pillow. She requires $7\frac{1}{3}$ times more lace to sew along the edge of the pillow than she requires for her pillows?

- 4) Stanley kneaded the dough for the bread. He used $1\frac{1}{2}$ times as many cups of flour as the recipe required.

- 5) Beatrice needs $15\frac{1}{4}$ inches of string to make a simple bow. She uses $12\frac{2}{5}$ times as much string to make ribbon wreaths. How much string does Beatrice use to make the wreaths?

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Answer Key

Sheet 3

Multiplying Mixed Numbers

- 1) Ronald took $14\frac{7}{10}$ hours to arrange his books in the bookshelf. He took $3\frac{1}{3}$ times more minutes to organize his closet. How much time did he take to organize the closet?

49 minutes

- 2) Aurora is $1\frac{2}{3}$ years old. Her brother is $7\frac{1}{4}$ times as old as she is. How old is Aurora's brother?

$\frac{145}{12}$ or

- 3) Carla sews a lace collar for a shirt. She requires $7\frac{1}{3}$ times more lace to sew along the edge of a pillow than she requires for her shirt. How much lace does she need for the pillow?

$\frac{55}{3}$ or

- 4) Stanley kneaded 3 cups of flour to make a loaf of bread. He used $1\frac{1}{2}$ times as much flour to make another loaf. How many cups of flour did he use for the second loaf?

$\frac{39}{8}$ or $4\frac{7}{8}$ cups of flour

- 5) Beatrice needs $15\frac{1}{4}$ inches of string to make a simple bow. She uses $12\frac{2}{5}$ times as much string to make ribbon wreaths. How much string does Beatrice use to make the wreaths?

$\frac{1891}{10}$ or $189\frac{1}{10}$ inches

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