

Name : _____

Multiplying Mixed Numbers

Sheet 2

- 1) If it takes one minute for a faucet to fill $1\frac{1}{2}$ gallons of water in a bucket, how much water can be filled in $2\frac{3}{4}$ minutes?

- 2) Farmer Ed sold $27\frac{2}{3}$ pounds of tomatoes on Saturday. The next day, he sold $1\frac{1}{2}$ times as many tomatoes as he did on Saturday. How many pounds of tomatoes did the farmer sell on Sunday?

- 3) The study table that she purchased was $3\frac{1}{2}$ feet long. The large dining table that she purchased was $2\frac{1}{2}$ times as long as the study table. What was the length of the dining table?

- 4) Ella made $38\frac{1}{2}$ ounces of sundae ice cream. She used $2\frac{1}{4}$ times as much pineapple as much pineapple in her sundae. How many ounces of pineapple sundae ice cream did she use?

- 5) Mary worked on an assignment for $3\frac{1}{10}$ hours on Saturday. She spent $1\frac{2}{3}$ times more time completing it on Sunday. How many hours did Mary devote to the assignment on Sunday?

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Multiplying Mixed Numbers

- 1) If it takes one minute for a faucet to fill $1\frac{1}{2}$ gallons of water in a bucket, how much water can be filled in $2\frac{3}{4}$ minutes?

$\frac{33}{8}$ or $4\frac{1}{8}$ gallons

- 2) Farmer Ed sold $27\frac{2}{3}$ pounds of tomatoes on Saturday. The next day, he sold $1\frac{1}{2}$ times as many tomatoes as he did on Saturday. How many pounds of tomatoes did the farmer sell on Sunday?

$\frac{83}{2}$ or

- 3) The study table that she purchased for her room is $5\frac{5}{6}$ feet long. The large dining table that she purchased for the dining room is $10\frac{1}{2}$ feet long. What was the length of the dining table?

$\frac{55}{6}$ or

- 4) Ella made $38\frac{1}{2}$ ounces of sundae ice cream. She used $1\frac{1}{2}$ times as much pineapple as much pineapple in her sundae. How many ounces of pineapple sundae did she use?

55 ounces

- 5) Mary worked on an assignment for $3\frac{1}{10}$ hours on Saturday. She spent $1\frac{2}{3}$ times more time completing it on Sunday. How many hours did Mary devote to the assignment on Sunday?

$\frac{31}{6}$ or $5\frac{1}{6}$ hours

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