

Name : _____

Multiplying Mixed Numbers and Fractions

Sheet 3

- 1) Stella has a small bathtub, which holds $45\frac{3}{5}$ gallons of water. Mary has large one, which contains $\frac{5}{3}$ times as much water as Stella's. How much water does Mary's bathtub hold?
- _____

- 2) Lyla used half an ounce of blue paint to create her favorite shade of purple. If she mixed $3\frac{2}{3}$ times more red paint than blue paint in the process, how many ounces of red paint did she use?
- _____

- 3) Julian spends $2\frac{1}{4}$ hours to a music video for his sister. How long did his sister spend singing?
- _____

- 4) Walter drove his car 120 miles on Friday, how many miles did he drive on Saturday if he drove $\frac{5}{4}$ times more distance?
- _____

- 5) A bag of cotton weighed $14\frac{3}{8}$ pounds. The weight increased to $\frac{8}{3}$ times the original weight after it was soaked in water. How many pounds does the bag weigh now?
- _____

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His sister sings along for _____ minutes did Julian's

_____ times more distance