

Name : \_\_\_\_\_

## Multiplying Mixed Numbers and Fractions

Sheet 2

- 1) Bethany finished a five-mile race in  $66\frac{1}{6}$  minutes. The winner of the race finished it in just  $\frac{3}{5}$  of the time that Bethany did. How many minutes did the winner take to finish the race?

\_\_\_\_\_

- 2) Mia created a small catapult with  $3\frac{7}{8}$  packs of bamboo skewers. Her father created a giant model with  $\frac{7}{5}$  times more packs. How many packs of bamboo skewers did her father use?

\_\_\_\_\_

- 3) Joey used  $9\frac{2}{5}$  pounds of fruit this year, how many pounds of fruit did he use last year?

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uses  $\frac{5}{4}$  times more fruit

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- 4) Arabella made  $\frac{7}{10}$  gallons of iced tea. She was  $2\frac{1}{7}$  times more thirsty than her brother. How many gallons of iced tea did her brother drink?

each iced tea, and it was  $\frac{5}{4}$  times more thirsty than her brother. How many gallons of the iced tea did she drink?

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- 5) If Annie requires  $17\frac{3}{5}$  ounces of flour to make a batch of cookies, how many ounces of flour will she require to make  $\frac{5}{2}$  batches?

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**Multiplying Mixed Numbers and Fractions**

- 1) Bethany finished a five-mile race in  $66\frac{1}{6}$  minutes. The winner of the race finished it in just  $\frac{3}{5}$  of the time that Bethany did. How many minutes did the winner take to finish the race?

$$\underline{\frac{397}{10} \text{ or } 39\frac{7}{10} \text{ minutes}}$$

- 2) Mia created a small catapult with  $3\frac{7}{8}$  packs of bamboo skewers. Her father created a giant model with  $\frac{7}{5}$  times more packs. How many packs of bamboo skewers did her father use?

$$\underline{\frac{217}{16} \text{ or } 13\frac{13}{16}}$$

- 3) Joey used  $9\frac{2}{5}$  pounds of fruit this year, how many pounds of fruit did he use  $\frac{5}{4}$  times more fruit

$$\underline{\frac{47}{4} \text{ or } 11\frac{3}{4}}$$

- 4) Arabella made  $\frac{7}{10}$  gallons of iced tea, and it was  $2\frac{1}{7}$  times more than the amount of iced tea did Chelsea make. How many gallons of the

$$\underline{\frac{3}{2} \text{ or } 1\frac{1}{2} \text{ gallons}}$$

- 5) If Annie requires  $17\frac{3}{5}$  ounces of flour to make a batch of cookies, how many ounces of flour will she require to make  $\frac{5}{2}$  batches?

$$\underline{44 \text{ ounces}}$$

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