

Mixed Differences

Answer each question. Write your answers in simplest form.

1. Jenna bought a spool of ribbon for her craft projects. It contained $5\frac{3}{4}$ meters of ribbon. She used $3\frac{2}{5}$ meters of ribbon for a project. How many meters of ribbon does Jenna have left?

2. Brandon has a male puppy with a mass of $3\frac{1}{2}$ kilograms and a female puppy with a mass of $2\frac{1}{5}$ kilograms. How much greater is the male puppy's mass than the female puppy's?

3. Jeff's sister drives 14 miles to her college, but his brother only drives $5\frac{7}{10}$ miles to his college. How much farther does Jeff's sister drive than his brother?

4. Montel bought a spool of string for making kites. It contained $10\frac{3}{20}$ meters of string. He used $6\frac{9}{10}$ meters of string for kites. How many meters of string does Montel have left?

5. Janet grew a pumpkin that weighs $13\frac{1}{2}$ pounds and a melon that weighs $8\frac{1}{4}$ pounds. How much heavier is the pumpkin than the melon?

6. Aidan roller-skated $3\frac{1}{10}$ miles around the lake. Josh roller-skated $2\frac{1}{2}$ miles around the park. How much farther did Aidan roller-skate than Josh?
