



Name _____

Multi-Step Problems

Directions: Solve each multi-step fraction word problem. Show your work and write your final answer in simplest form.

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| 1. A ribbon is 2 yards long. Mia uses $\frac{3}{4}$ yard for a gift and $\frac{1}{2}$ yard for a craft. How many yards of ribbon are left? | 2. Noah has 24 marbles. He gives $\frac{1}{4}$ of them to a friend. Then he gives $\frac{1}{3}$ of the marbles he has left to his brother. How many marbles does Noah have now? |
| 3. A recipe needs $\frac{2}{3}$ cup of milk for one batch of muffins. Emma makes 3 batches, then spills $\frac{1}{2}$ cup of the milk she measured. How many cups of milk are left? | 4. A hiking trail is 3 miles long. Ava walks $1\frac{1}{2}$ miles before lunch and $\frac{3}{4}$ mile after lunch. How many miles does she still need to walk? |
| 5. Ben has $3\frac{1}{2}$ yards of rope. He cuts off $1\frac{1}{4}$ yards for one project. Then he cuts the remaining rope into pieces that are $\frac{1}{2}$ yard long. How many $\frac{1}{2}$ yard pieces can he make? | 6. A class made 30 bookmarks. $\frac{2}{5}$ were animal bookmarks. The rest were space bookmarks. If $\frac{1}{3}$ of the space bookmarks were laminated, how many laminated space bookmarks were there? |