

LESSON

Fraction Operations**4****Solving Fraction Equations: Addition and Subtraction****Write the correct answer in simplest form.**

- It usually takes Brian $1\frac{1}{2}$ hours to get to work from the time he gets out of bed. His drive to the office takes $\frac{3}{4}$ hour. How much time does he spend getting ready for work?
- Before he went to the hairdresser, Shel's hair was $7\frac{1}{4}$ inches long. When he left the salon, it was $5\frac{1}{2}$ inches long. How much of his hair did Shel get cut off?
- One lap around the gym is $\frac{1}{3}$ mile. Kim has already run 5 times around. If she wants to run 2 miles total, how much farther does she have to go?
- Darius timed his speech at $5\frac{1}{6}$ minutes. His time limit for the speech is $4\frac{1}{2}$ minutes. How much does he need to cut from his speech?

Circle the letter of the correct answer.

- Mei and Alex bought the same amount of food at the deli. Mei bought $1\frac{1}{4}$ pounds of turkey and $1\frac{1}{3}$ pounds of cheese. Alex bought $1\frac{1}{2}$ pounds of turkey. How much cheese did Alex buy?
 A $1\frac{1}{12}$ pounds C $1\frac{1}{4}$ pounds
 B $1\frac{1}{6}$ pounds D $4\frac{1}{12}$ pounds
- Kay picked up 2 planks of wood at the hardware store. One is $6\frac{1}{4}$ feet long and the other is $5\frac{5}{8}$ feet long. How much should she cut from the first plank to make them the same length?
 A $\frac{5}{8}$ foot C $1\frac{3}{8}$ feet
 B $\frac{1}{2}$ foot D $1\frac{5}{8}$ feet
- When Lynn got her dog, May, she weighed $10\frac{1}{2}$ pounds. During the next 6 months, she gained $8\frac{4}{5}$ pounds. At her one-year check-up she had gained another $4\frac{1}{3}$ pounds. How much did May weigh when she was 1 year old?
 F $22\frac{19}{30}$ pounds H $23\frac{29}{30}$ pounds
 G $23\frac{19}{30}$ pounds J $23\frac{49}{50}$ pounds
- Charlie used $3\frac{3}{4}$ cups of flour to make a cake. She had $\frac{1}{2}$ cup of flour left over. Which equation can you use to find how much flour she had before baking the cake?
 F $x + \frac{1}{2} = 3\frac{3}{4}$ H $3\frac{3}{4} - \frac{1}{2} = x$
 G $x - 3\frac{3}{4} = \frac{1}{2}$ J $3\frac{3}{4} - x = \frac{1}{2}$