

## Study Guide: Adding & Subtracting Fractions and Mixed Numbers

1. Dakota makes a salad dressing by combining  $6\frac{1}{3}$  fluid ounces of oil and  $2\frac{3}{8}$  fluid ounces of vinegar in a jar. She then pours  $2\frac{1}{4}$  fluid ounces of the dressing onto her salad. How much dressing remains in the jar?
2. Describe the sequence and find the missing value:  

$$\frac{3}{10}, \frac{2}{5}, \text{??}, \frac{3}{5}, \frac{7}{10}$$
3. This week, Talulla worked  $2\frac{1}{2}$  hours on Monday,  $2\frac{2}{3}$  on Tuesday, and  $3\frac{1}{4}$  hours on Wednesday. How many more hours will Talulla need to work this week to reach  $10\frac{1}{2}$  hours?
4. Carlene bought  $8\frac{1}{16}$  yards of ribbon to decorate a shirt. She only used  $5\frac{1}{2}$  yards of ribbon. How much ribbon is left over?
5. Kuri drove  $78\frac{1}{3}$  miles on Monday,  $77\frac{1}{12}$  miles on Tuesday, and  $75\frac{5}{6}$  miles on Wednesday. If this pattern continues on Thursday and Friday, how many fewer miles will he drive on Friday than on Tuesday?
6. Gavin is making tangerine paint. He mixes  $3\frac{9}{10}$  oz. red paint and  $2\frac{3}{8}$  oz. of yellow paint. How many oz. of tangerine paint does this make?
7. Jacobi bought  $7\frac{1}{2}$  pounds of meatballs. He cooks  $1\frac{1}{4}$  pounds of them and freezes the rest. How many pounds did he freeze?
8. During his first vet visit, Pedro's puppy weighed  $6\frac{1}{8}$  pounds. On the second visit, it weighed  $9\frac{1}{16}$  pounds. How much weight did it gain between visits?

9. Ms. Roth walked  $8\frac{1}{8}$  miles to a park, then  $7\frac{2}{5}$  miles home.
- How many miles did she walk in total?
  - How many more miles did she walk walking to the park than walking home?
10. Rhein has a goal to jog  $4\frac{1}{2}$  miles each day. On Monday, she jogs  $5\frac{9}{16}$  miles. How many more miles did she run than her goal?
11. Michel picked  $7\frac{1}{6}$  bushes of apples today and  $4\frac{5}{8}$  bushes yesterday. How many more bushes did they pick today?
12. When Bill bought a marigold plant, it was  $\frac{1}{4}$  inch tall. After a week, it measured  $1\frac{1}{12}$  inches tall. After two weeks,  $1\frac{11}{12}$  inches tall, and after three weeks  $2\frac{3}{4}$  inches tall. How tall will it be after four weeks?
13. At a deli, Ricardo orders  $3\frac{1}{5}$  pounds of cheddar and  $2\frac{3}{4}$  pounds of mozzarella.
- How many more pounds of cheese did he order in total?
  - How many more pounds of cheddar did he buy than mozzarella?
14. Maximus needs  $10\frac{1}{4}$  cups of flour to make a batch of pizza dough for the pizzeria. He only has  $4\frac{1}{2}$  cups of flour. How much more flour does he need to make the dough?