



Solve each problem. Answer as a mixed number (if possible).

Answers

- 1) It takes  $2\frac{1}{2}$  spoons of chocolate syrup to make  $2\frac{1}{2}$  gallons of chocolate milk. How many spoons of syrup would it take to make 7 gallons of chocolate milk?
- 2) A printer cartridge with  $2\frac{1}{2}$  milliliters of ink will print off  $\frac{1}{3}$  of a box of paper. How many milliliters of ink will it take to print an entire box?
- 3) A cookie recipe called for  $2\frac{2}{3}$  cups of sugar for every  $\frac{2}{3}$  cup of flour. If you made a batch of cookies using 1 cup of flour, how many cups of sugar would you need?
- 4) A bag with  $3\frac{1}{3}$  ounces of peanuts can make  $\frac{4}{5}$  of a jar of peanut butter. It can make one full jar with how many ounces of peanuts?
- 5) A carpenter goes through  $3\frac{2}{3}$  boxes of nails finishing  $3\frac{1}{6}$  rooves. How much would he use finishing 3 rooves?
- 6) A tire shop had to fill  $3\frac{1}{3}$  tires with air. It took a small air compressor  $3\frac{1}{4}$  seconds to fill them up. How long would it take to fill 2 tires?
- 7) A container with  $3\frac{1}{4}$  liters of weed killer can spray  $\frac{2}{5}$  of a lawn. How many liters would it take to spray 1 entire lawn?
- 8) A water faucet leaked  $3\frac{4}{5}$  liters of water over the course of  $3\frac{2}{5}$  hours. How many liters would it have leaked after 5 hours?
- 9) A chef had to fill up  $\frac{3}{5}$  of a container with mashed potatoes. He ended up using  $3\frac{1}{2}$  pounds of mashed potatoes. How many pounds would he use if he had to fill up the entire container?
- 10) A bucket of water was  $\frac{3}{6}$  full, but it still had  $2\frac{1}{2}$  gallons of water in it. How much water would be in one fully filled bucket?

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**Answers**

1.  $7\frac{0}{10}$
2.  $7\frac{1}{2}$
3.  $4\frac{0}{6}$
4.  $4\frac{2}{12}$
5.  $3\frac{27}{57}$
6.  $1\frac{38}{40}$
7.  $8\frac{1}{8}$
8.  $5\frac{50}{85}$
9.  $5\frac{5}{6}$
10.  $5\frac{0}{6}$



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