



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

Answers

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

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**Answers**

1.  $9\frac{1}{6}$
2.  $11\frac{0}{3}$
3.  $5\frac{60}{84}$
4.  $4\frac{16}{42}$
5.  $4\frac{4}{6}$
6.  $6\frac{2}{3}$
7.  $3\frac{3}{4}$
8.  $7\frac{4}{8}$
9.  $3\frac{15}{40}$
10.  $2\frac{6}{21}$



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