



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

**Answers**

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

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1.  $5\frac{0}{28}$
2.  $4\frac{12}{30}$
3.  $5\frac{0}{4}$
4.  $2\frac{0}{20}$
5.  $3\frac{6}{8}$
6.  $7\frac{13}{65}$
7.  $4\frac{62}{70}$
8.  $5\frac{15}{18}$
9.  $5\frac{39}{45}$
10.  $4\frac{0}{20}$

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