



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

Answers

- 1) It takes  $3\frac{1}{4}$  yards of thread to make  $\frac{4}{5}$  of a sock. How many yards of thread will it take to make an entire sock?
- 2) A chef had to fill up  $\frac{2}{4}$  of a container with mashed potatoes. He ended up using  $3\frac{4}{6}$  pounds of mashed potatoes. How many pounds would he use if he had to fill up the entire container?
- 3) A carpenter goes through  $3\frac{1}{6}$  boxes of nails finishing  $\frac{3}{4}$  of a roof. How much would he use finishing the entire roof?
- 4) A bag with  $2\frac{1}{6}$  ounces of peanuts can make  $\frac{1}{3}$  of a jar of peanut butter. It can make one full jar with how many ounces of peanuts?
- 5) A bike tire was  $\frac{2}{4}$  full. It took a small air compressor  $3\frac{1}{2}$  seconds to fill it up. How long would it have taken to fill an empty tire?
- 6) A printer cartridge with  $3\frac{2}{3}$  milliliters of ink will print off  $3\frac{3}{6}$  reams of paper. How many milliliters of ink will it take to print 2 reams?
- 7) A container with  $3\frac{2}{5}$  gallons of weed killer can spray  $2\frac{2}{3}$  lawns. How many gallons would it take to spray 8 lawns?
- 8) A water faucet leaked  $2\frac{1}{4}$  liters of water over the course of  $2\frac{1}{2}$  hours. How many liters would it have leaked after 2 hours?
- 9) A machine made  $3\frac{3}{6}$  pencils in  $\frac{1}{2}$  of a minute. It made pencils at a rate of how many per minute?
- 10) It takes  $3\frac{4}{6}$  spoons of chocolate syrup to make  $2\frac{3}{6}$  gallons of chocolate milk. How many spoons of syrup would it take to make 2 gallons of chocolate milk?

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**Answers**

1.  $4\frac{1}{16}$
2.  $7\frac{4}{12}$
3.  $4\frac{4}{18}$
4.  $6\frac{3}{6}$
5.  $7\frac{0}{4}$
6.  $2\frac{6}{63}$
7.  $10\frac{8}{40}$
8.  $1\frac{16}{20}$
9.  $7\frac{0}{6}$
10.  $2\frac{84}{90}$



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