



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

Answers

- 1) It takes  $2\frac{3}{5}$  spoons of chocolate syrup to make  $2\frac{1}{3}$  gallons of chocolate milk. How many spoons of syrup would it take to make 8 gallons of chocolate milk?
- 2) A carpenter goes through  $3\frac{1}{3}$  boxes of nails finishing  $\frac{1}{2}$  of a roof. How much would he use finishing the entire roof?
- 3) It takes  $3\frac{2}{4}$  yards of thread to make  $\frac{2}{6}$  of a sock. How many yards of thread will it take to make an entire sock?
- 4) It takes  $3\frac{1}{6}$  gallons of water to fill up  $3\frac{1}{3}$  containers. How much water would it take to fill 2 containers?
- 5) A cookie recipe called for  $3\frac{3}{5}$  cups of sugar for every  $\frac{3}{5}$  cup of flour. If you made a batch of cookies using 1 cup of flour, how many cups of sugar would you need?
- 6) A container with  $3\frac{1}{5}$  gallons of weed killer can spray  $3\frac{1}{2}$  lawns. How many gallons would it take to spray 8 lawns?
- 7) A printer cartridge with  $3\frac{1}{2}$  milliliters of ink will print off  $\frac{4}{5}$  of a box of paper. How many milliliters of ink will it take to print an entire box?
- 8) A bag with  $3\frac{1}{4}$  ounces of peanuts can make  $\frac{3}{6}$  of a jar of peanut butter. It can make one full jar with how many ounces of peanuts?
- 9) A chef had to fill up  $2\frac{1}{4}$  containers with mashed potatoes. He ended up using  $2\frac{3}{4}$  pounds of mashed potatoes. How many pounds would he use if he had to fill up 7 containers?
- 10) A bike tire was  $\frac{4}{5}$  full. It took a small air compressor  $2\frac{1}{4}$  seconds to fill it up. How long would it have taken to fill an empty tire?

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**Answers**

1.  $8\frac{32}{35}$
2.  $6\frac{2}{3}$
3.  $10\frac{4}{8}$
4.  $1\frac{54}{60}$
5.  $6\frac{0}{15}$
6.  $7\frac{11}{35}$
7.  $4\frac{3}{8}$
8.  $6\frac{6}{12}$
9.  $8\frac{20}{36}$
10.  $2\frac{13}{16}$



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