



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

**Answers**

- 1) A printer cartridge with  $3\frac{4}{6}$  milliliters of ink will print off  $\frac{4}{6}$  of a box of paper. How many milliliters of ink will it take to print an entire box?
- 2) It takes  $2\frac{2}{6}$  spoons of chocolate syrup to make  $\frac{1}{2}$  of a gallon of chocolate milk. How many spoons of syrup would it take to make 1 gallon of chocolate milk?
- 3) A tire shop had to fill  $3\frac{2}{3}$  tires with air. It took a small air compressor  $3\frac{1}{2}$  seconds to fill them up. How long would it take to fill 6 tires?
- 4) A container with  $3\frac{1}{5}$  gallons of weed killer can spray  $2\frac{2}{6}$  lawns. How many gallons would it take to spray 8 lawns?
- 5) A machine made  $2\frac{3}{6}$  pencils in  $\frac{1}{4}$  of a minute. It made pencils at a rate of how many per minute?
- 6) A water faucet leaked  $3\frac{4}{5}$  liters of water over the course of  $2\frac{1}{5}$  hours. How many liters would it have leaked after 3 hours?
- 7) A bucket of water was  $\frac{5}{6}$  full, but it still had  $2\frac{1}{3}$  gallons of water in it. How much water would be in one fully filled bucket?
- 8) A chef had to fill up  $2\frac{1}{2}$  containers with mashed potatoes. He ended up using  $2\frac{2}{5}$  pounds of mashed potatoes. How many pounds would he use if he had to fill up 7 containers?
- 9) A bag with  $3\frac{1}{2}$  quarts of peanuts can make  $3\frac{1}{3}$  jars of peanut butter. How many quarts of peanuts would you need to make 3 jars?
- 10) A cookie recipe called for  $3\frac{1}{2}$  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?

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Answers

1.  $5\frac{12}{24}$
2.  $4\frac{4}{6}$
3.  $5\frac{16}{22}$
4.  $10\frac{68}{70}$
5.  $10\frac{0}{6}$
6.  $5\frac{10}{55}$
7.  $2\frac{12}{15}$
8.  $6\frac{18}{25}$
9.  $3\frac{3}{20}$
10.  $7\frac{0}{2}$



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