



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

Answers

- 1) A printer cartridge with  $2\frac{1}{2}$  milliliters of ink will print off  $\frac{1}{2}$  of a box of paper. How many milliliters of ink will it take to print an entire box?
- 2) A bag with  $3\frac{3}{5}$  quarts of peanuts can make  $3\frac{2}{4}$  jars of peanut butter. How many quarts of peanuts would you need to make 8 jars?
- 3) A carpenter goes through  $2\frac{4}{6}$  boxes of nails finishing  $2\frac{1}{2}$  rooves. How much would he use finishing 6 rooves?
- 4) A container with  $3\frac{2}{5}$  liters of weed killer can spray  $\frac{2}{3}$  of a lawn. How many liters would it take to spray 1 entire lawn?
- 5) A water faucet leaked  $2\frac{2}{5}$  liters of water every  $\frac{2}{5}$  of an hour. It leaked at a rate of how many liters per hour?
- 6) A cookie recipe called for  $3\frac{2}{3}$  cups of sugar for every  $2\frac{1}{5}$  cups of flour. If you made a batch of cookies using 5 cup of flour, how many cups of sugar would you need?
- 7) A machine made  $3\frac{4}{6}$  pencils in  $\frac{1}{2}$  of a minute. It made pencils at a rate of how many per minute?
- 8) It takes  $3\frac{1}{2}$  spoons of chocolate syrup to make  $3\frac{1}{2}$  gallons of chocolate milk. How many spoons of syrup would it take to make 2 gallons of chocolate milk?
- 9) A chef had to fill up  $\frac{2}{3}$  of a container with mashed potatoes. He ended up using  $3\frac{2}{3}$  pounds of mashed potatoes. How many pounds would he use if he had to fill up the entire container?
- 10) It takes  $3\frac{1}{3}$  gallons of water to fill up  $3\frac{2}{6}$  containers. How much water would it take to fill 8 containers?

1. \_\_\_\_\_
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6. \_\_\_\_\_
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**Answers**

1.  $5\frac{0}{2}$
2.  $8\frac{16}{70}$
3.  $6\frac{12}{30}$
4.  $5\frac{1}{10}$
5.  $6\frac{0}{10}$
6.  $8\frac{11}{33}$
7.  $7\frac{2}{6}$
8.  $2\frac{0}{14}$
9.  $5\frac{3}{6}$
10.  $8\frac{0}{60}$



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