



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

**Answers**

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

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_



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**Answers**

1.  $4\frac{2}{10}$
2.  $4\frac{0}{6}$
3.  $4\frac{0}{15}$
4.  $4\frac{8}{10}$
5.  $8\frac{50}{68}$
6.  $7\frac{8}{10}$
7.  $7\frac{0}{4}$
8.  $4\frac{36}{60}$
9.  $1\frac{36}{42}$
10.  $11\frac{2}{10}$



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