



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

**Answers**

- 1) A container with  $3\frac{1}{3}$  gallons of weed killer can spray  $3\frac{1}{4}$  lawns. How many gallons would it take to spray 7 lawns?
- 2) A cookie recipe called for  $3\frac{1}{2}$  cups of sugar for every  $3\frac{1}{2}$  cups of flour. If you made a batch of cookies using 4 cup of flour, how many cups of sugar would you need?
- 3) A machine made  $3\frac{1}{6}$  pencils in  $\frac{2}{3}$  of a minute. It made pencils at a rate of how many per minute?
- 4) It takes  $2\frac{1}{2}$  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?
- 5) A water faucet leaked  $2\frac{3}{4}$  liters of water every  $\frac{1}{2}$  of an hour. It leaked at a rate of how many liters per hour?
- 6) A printer cartridge with  $2\frac{5}{6}$  milliliters of ink will print off  $\frac{2}{4}$  of a box of paper. How many milliliters of ink will it take to print an entire box?
- 7) A bike tire was  $\frac{2}{3}$  full. It took a small air compressor  $3\frac{1}{6}$  seconds to fill it up. How long would it have taken to fill an empty tire?
- 8) A carpenter goes through  $3\frac{2}{3}$  boxes of nails finishing  $\frac{3}{6}$  of a roof. How much would he use finishing the entire roof?
- 9) A chef had to fill up  $2\frac{4}{6}$  containers with mashed potatoes. He ended up using  $2\frac{1}{2}$  pounds of mashed potatoes. How many pounds would he use if he had to fill up 6 containers?
- 10) It takes  $3\frac{3}{6}$  gallons of water to fill up  $3\frac{4}{6}$  containers. How much water would it take to fill 9 containers?

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**Answers**

1.  $7\frac{7}{39}$
2.  $4\frac{0}{14}$
3.  $4\frac{9}{12}$
4.  $5\frac{0}{2}$
5.  $5\frac{2}{4}$
6.  $5\frac{8}{12}$
7.  $4\frac{9}{12}$
8.  $7\frac{3}{9}$
9.  $5\frac{20}{32}$
10.  $8\frac{78}{132}$



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

**Answers**

$5\frac{8}{12}$

$4\frac{0}{14}$

$7\frac{3}{9}$

$5\frac{20}{32}$

$7\frac{7}{39}$

$4\frac{9}{12}$

$8\frac{78}{132}$

$5\frac{2}{4}$

$5\frac{0}{2}$

$4\frac{9}{12}$

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