

**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**

$5\frac{8}{12}$

$4\frac{0}{14}$

$7\frac{3}{9}$

$5\frac{20}{32}$

$7\frac{7}{39}$

$4\frac{9}{12}$

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