



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

- 1) A container with $2\frac{5}{6}$ gallons of weed killer can spray $3\frac{5}{6}$ lawns. How many gallons would it take to spray 3 lawns?
- 2) It takes $3\frac{2}{6}$ spoons of chocolate syrup to make $2\frac{3}{5}$ gallons of chocolate milk. How many spoons of syrup would it take to make 4 gallons of chocolate milk?
- 3) It takes $2\frac{1}{4}$ kilometers of thread to make $3\frac{1}{2}$ boxes of shirts. How many kilometers of thread will it take to make 8 boxes?
- 4) A tire shop had to fill $2\frac{1}{2}$ tires with air. It took a small air compressor $2\frac{1}{2}$ seconds to fill them up. How long would it take to fill 8 tires?
- 5) A printer cartridge with $2\frac{1}{2}$ milliliters of ink will print off $\frac{2}{3}$ of a box of paper. How many milliliters of ink will it take to print an entire box?
- 6) A water faucet leaked $2\frac{1}{6}$ liters of water every $\frac{1}{3}$ of an hour. It leaked at a rate of how many liters per hour?
- 7) A carpenter goes through $2\frac{2}{6}$ boxes of nails finishing $3\frac{1}{4}$ rooves. How much would he use finishing 2 rooves?
- 8) A cookie recipe called for $3\frac{1}{2}$ cups of sugar for every $2\frac{1}{6}$ cups of flour. If you made a batch of cookies using 6 cup of flour, how many cups of sugar would you need?
- 9) A bucket of water was $\frac{1}{4}$ full, but it still had $2\frac{4}{5}$ gallons of water in it. How much water would be in one fully filled bucket?
- 10) A bag with $2\frac{2}{4}$ ounces of peanuts can make $\frac{2}{3}$ of a jar of peanut butter. It can make one full jar with how many ounces of peanuts?

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
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Answers

1. $2\frac{30}{138}$
2. $5\frac{10}{78}$
3. $5\frac{4}{28}$
4. **8**
5. $3\frac{3}{4}$
6. $6\frac{3}{6}$
7. $1\frac{34}{78}$
8. $9\frac{18}{26}$
9. $11\frac{1}{5}$
10. $3\frac{6}{8}$



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