



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

- 1) A chef had to fill up $\frac{2}{3}$ of a container with mashed potatoes. He ended up using $2\frac{2}{4}$ pounds of mashed potatoes. How many pounds would he use if he had to fill up the entire container?
- 2) A tire shop had to fill $3\frac{5}{6}$ tires with air. It took a small air compressor $3\frac{4}{6}$ seconds to fill them up. How long would it take to fill 8 tires?
- 3) It takes $3\frac{1}{2}$ kilometers of thread to make $2\frac{2}{5}$ boxes of shirts. How many kilometers of thread will it take to make 9 boxes?
- 4) A bag with $3\frac{1}{2}$ quarts of peanuts can make $3\frac{1}{2}$ jars of peanut butter. How many quarts of peanuts would you need to make 2 jars?
- 5) A bucket of water was $\frac{3}{4}$ full, but it still had $2\frac{2}{5}$ gallons of water in it. How much water would be in one fully filled bucket?
- 6) A cookie recipe called for $3\frac{1}{2}$ 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?
- 7) It takes $3\frac{5}{6}$ spoons of chocolate syrup to make $\frac{2}{5}$ of a gallon of chocolate milk. How many spoons of syrup would it take to make 1 gallon of chocolate milk?
- 8) A container with $2\frac{3}{6}$ liters of weed killer can spray $\frac{1}{5}$ of a lawn. How many liters would it take to spray 1 entire lawn?
- 9) A printer cartridge with $2\frac{1}{4}$ milliliters of ink will print off $2\frac{1}{4}$ reams of paper. How many milliliters of ink will it take to print 6 reams?
- 10) A carpenter goes through $3\frac{2}{4}$ boxes of nails finishing $\frac{4}{6}$ of a roof. How much would he use finishing the entire roof?

Answers

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

1. $3\frac{6}{8}$
2. $7\frac{90}{138}$
3. $13\frac{3}{24}$
4. 2
5. $3\frac{3}{15}$
6. $5\frac{1}{4}$
7. $9\frac{7}{12}$
8. $12\frac{3}{6}$
9. 6
10. $5\frac{4}{16}$



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