



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

- 1) A carpenter goes through $3\frac{1}{3}$ boxes of nails finishing $\frac{1}{2}$ of a roof. How much would he use finishing the entire roof?
- 2) A printer cartridge with $2\frac{1}{2}$ milliliters of ink will print off $\frac{4}{6}$ of a box of paper. How many milliliters of ink will it take to print an entire box?
- 3) A cookie recipe called for $2\frac{2}{3}$ cups of sugar for every $2\frac{2}{4}$ cups of flour. If you made a batch of cookies using 3 cup of flour, how many cups of sugar would you need?
- 4) A bag with $2\frac{1}{2}$ quarts of peanuts can make $3\frac{3}{5}$ jars of peanut butter. How many quarts of peanuts would you need to make 7 jars?
- 5) A chef had to fill up $3\frac{2}{6}$ containers with mashed potatoes. He ended up using $2\frac{1}{6}$ pounds of mashed potatoes. How many pounds would he use if he had to fill up 9 containers?
- 6) A machine made $2\frac{1}{6}$ pencils in $\frac{1}{6}$ of a minute. It made pencils at a rate of how many per minute?
- 7) It takes $2\frac{1}{2}$ kilometers of thread to make $3\frac{1}{2}$ boxes of shirts. How many kilometers of thread will it take to make 5 boxes?
- 8) A bucket of water was $\frac{1}{2}$ full, but it still had $2\frac{2}{3}$ gallons of water in it. How much water would be in one fully filled bucket?
- 9) A container with $2\frac{5}{6}$ liters of weed killer can spray $\frac{2}{6}$ of a lawn. How many liters would it take to spray 1 entire lawn?
- 10) It takes $2\frac{1}{2}$ spoons of chocolate syrup to make $\frac{4}{6}$ of a gallon of chocolate milk. How many spoons of syrup would it take to make 1 gallon of chocolate milk?

Answers

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

1. $6\frac{2}{3}$
2. $3\frac{6}{8}$
3. $3\frac{6}{30}$
4. $4\frac{31}{36}$
5. $5\frac{102}{120}$
6. 13
7. $3\frac{8}{14}$
8. $5\frac{1}{3}$
9. $8\frac{6}{12}$
10. $3\frac{6}{8}$



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