



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

Answers

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

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Answers

1. $3\frac{8}{9}$
2. $3\frac{24}{92}$
3. $2\frac{4}{48}$
4. $5\frac{1}{4}$
5. $22\frac{0}{6}$
6. $4\frac{4}{9}$
7. $8\frac{3}{4}$
8. $5\frac{0}{14}$
9. $4\frac{6}{16}$
10. $6\frac{36}{44}$



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