



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

Answers

- 1) A chef had to fill up $3\frac{1}{3}$ containers with mashed potatoes. He ended up using $2\frac{1}{3}$ pounds of mashed potatoes. How many pounds would he use if he had to fill up 9 containers?
- 2) A machine made $2\frac{4}{6}$ pencils in $\frac{1}{2}$ of a minute. It made pencils at a rate of how many per minute?
- 3) A water faucet leaked $3\frac{1}{2}$ liters of water every $\frac{3}{6}$ of an hour. It leaked at a rate of how many liters per hour?
- 4) A container with $2\frac{3}{4}$ liters of weed killer can spray $\frac{1}{5}$ of a lawn. How many liters would it take to spray 1 entire lawn?
- 5) It takes $3\frac{2}{5}$ yards of thread to make $\frac{1}{3}$ of a sock. How many yards of thread will it take to make an entire sock?
- 6) A bucket of water was $\frac{1}{2}$ full, but it still had $2\frac{1}{4}$ gallons of water in it. How much water would be in one fully filled bucket?
- 7) It takes $3\frac{1}{2}$ spoons of chocolate syrup to make $\frac{2}{4}$ of a gallon of chocolate milk. How many spoons of syrup would it take to make 1 gallon of chocolate milk?
- 8) A tire shop had to fill $2\frac{1}{3}$ tires with air. It took a small air compressor $2\frac{3}{5}$ seconds to fill them up. How long would it take to fill 7 tires?
- 9) A printer cartridge with $3\frac{2}{4}$ milliliters of ink will print off $3\frac{1}{3}$ reams of paper. How many milliliters of ink will it take to print 6 reams?
- 10) 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 6 jars?

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

1. **$6\frac{9}{30}$**
2. **$5\frac{2}{6}$**
3. **7**
4. **$13\frac{3}{4}$**
5. **$10\frac{1}{5}$**
6. **$4\frac{2}{4}$**
7. **7**
8. **$7\frac{28}{35}$**
9. **$6\frac{12}{40}$**
10. **6**



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