



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

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

Answers

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



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Answers

1. $6\frac{2}{25}$
2. $3\frac{20}{52}$
3. $4\frac{2}{3}$
4. $6\frac{18}{25}$
5. $6\frac{4}{5}$
6. $5\frac{32}{44}$
7. 5
8. 14
9. $5\frac{15}{21}$
10. 3



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3

5

 $6\frac{2}{25}$ $3\frac{20}{52}$

14

 $6\frac{18}{25}$ $6\frac{4}{5}$ $4\frac{2}{3}$ $5\frac{15}{21}$ $5\frac{32}{44}$ Answers

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