



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

- 1) A chef had to fill up $2\frac{1}{2}$ containers with mashed potatoes. He ended up using $3\frac{3}{5}$ pounds of mashed potatoes. How many pounds would he use if he had to fill up 9 containers?
- 2) It takes $3\frac{1}{2}$ kilometers of thread to make $2\frac{2}{3}$ boxes of shirts. How many kilometers of thread will it take to make 9 boxes?
- 3) A bag with $2\frac{4}{6}$ ounces of peanuts can make $\frac{1}{2}$ of a jar of peanut butter. It can make one full jar with how many ounces of peanuts?
- 4) A water faucet leaked $3\frac{1}{5}$ liters of water over the course of $2\frac{5}{6}$ hours. How many liters would it have leaked after 3 hours?
- 5) A printer cartridge with $3\frac{1}{3}$ milliliters of ink will print off $\frac{1}{2}$ of a box of paper. How many milliliters of ink will it take to print an entire box?
- 6) It takes $3\frac{1}{2}$ spoons of chocolate syrup to make $\frac{1}{2}$ of a gallon of chocolate milk. How many spoons of syrup would it take to make 1 gallon of chocolate milk?
- 7) A carpenter goes through $2\frac{2}{3}$ boxes of nails finishing $\frac{2}{4}$ of a roof. How much would he use finishing the entire roof?
- 8) A bike tire was $\frac{1}{5}$ full. It took a small air compressor $3\frac{1}{4}$ seconds to fill it up. How long would it have taken to fill an empty tire?
- 9) A machine made $3\frac{1}{5}$ pencils in $2\frac{4}{6}$ minutes. How many pencils would the machine have made after 4 minutes?
- 10) A container with $3\frac{2}{3}$ liters of weed killer can spray $\frac{4}{5}$ of a lawn. How many liters would it take to spray 1 entire lawn?

Answers

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

1. $12\frac{24}{25}$
2. $11\frac{13}{16}$
3. $5\frac{2}{6}$
4. $3\frac{33}{85}$
5. $6\frac{2}{3}$
6. 7
7. $5\frac{2}{6}$
8. $16\frac{1}{4}$
9. $4\frac{64}{80}$
10. $4\frac{7}{12}$



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$5 \frac{2}{6}$

$6 \frac{2}{3}$

$11 \frac{13}{16}$

$12 \frac{24}{25}$

7

$5 \frac{2}{6}$

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$4 \frac{64}{80}$

$4 \frac{7}{12}$

$16 \frac{1}{4}$

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