



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

Answers

- 1) It takes $2\frac{1}{3}$ kilometers of thread to make $3\frac{4}{6}$ boxes of shirts. How many kilometers of thread will it take to make 3 boxes?
- 2) A machine made $2\frac{2}{3}$ pencils in $\frac{1}{3}$ of a minute. It made pencils at a rate of how many per minute?
- 3) A water faucet leaked $2\frac{2}{6}$ liters of water every $\frac{1}{2}$ of an hour. It leaked at a rate of how many liters per hour?
- 4) It takes $3\frac{5}{6}$ spoons of chocolate syrup to make $\frac{2}{5}$ of a gallon of chocolate milk. How many spoons of syrup would it take to make 1 gallon of chocolate milk?
- 5) A chef had to fill up $3\frac{3}{5}$ containers with mashed potatoes. He ended up using $3\frac{2}{5}$ pounds of mashed potatoes. How many pounds would he use if he had to fill up 9 containers?
- 6) A tire shop had to fill $3\frac{1}{2}$ tires with air. It took a small air compressor $2\frac{2}{4}$ seconds to fill them up. How long would it take to fill 5 tires?
- 7) 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 6 lawns?
- 8) A cookie recipe called for $2\frac{1}{2}$ cups of sugar for every $\frac{3}{5}$ cup of flour. If you made a batch of cookies using 1 cup of flour, how many cups of sugar would you need?
- 9) A carpenter goes through $2\frac{1}{4}$ boxes of nails finishing $\frac{2}{4}$ of a roof. How much would he use finishing the entire roof?
- 10) It takes $2\frac{1}{2}$ gallons of water to fill up $3\frac{3}{6}$ containers. How much water would it take to fill 9 containers?

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Answers

1. $1\frac{60}{66}$
2. $8\frac{0}{3}$
3. $4\frac{4}{6}$
4. $9\frac{7}{12}$
5. $8\frac{45}{90}$
6. $3\frac{16}{28}$
7. $6\frac{0}{14}$
8. $4\frac{1}{6}$
9. $4\frac{4}{8}$
10. $6\frac{18}{42}$



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$6\frac{18}{42}$

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