

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

- 1) A machine made $2\frac{2}{4}$ pencils in $2\frac{1}{4}$ minutes. How many pencils would the machine have made after 2 minutes?
- 2) A water faucet leaked $3\frac{2}{6}$ liters of water every $\frac{3}{5}$ of an hour. It leaked at a rate of how many liters per hour?
- 3) A container with $3\frac{1}{5}$ liters of weed killer can spray $\frac{1}{5}$ of a lawn. How many liters would it take to spray 1 entire lawn?
- 4) A carpenter goes through $3\frac{1}{2}$ boxes of nails finishing $2\frac{2}{5}$ rooves. How much would he use finishing 6 rooves?
- 5) It takes $3\frac{3}{5}$ kilometers of thread to make $3\frac{1}{3}$ boxes of shirts. How many kilometers of thread will it take to make 7 boxes?
- 6) A tire shop had to fill $3\frac{4}{5}$ tires with air. It took a small air compressor $3\frac{3}{5}$ seconds to fill them up. How long would it take to fill 7 tires?
- 7) It takes $3\frac{4}{5}$ spoons of chocolate syrup to make $\frac{5}{6}$ of a gallon of chocolate milk. How many spoons of syrup would it take to make 1 gallon of chocolate milk?
- 8) A printer cartridge with $3\frac{3}{4}$ milliliters of ink will print off $\frac{1}{3}$ of a box of paper. How many milliliters of ink will it take to print an entire box?
- 9) A bag with $2\frac{2}{3}$ 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?
- 10) A cookie recipe called for $2\frac{1}{4}$ cups of sugar for every $2\frac{1}{2}$ cups of flour. If you made a batch of cookies using 8 cup of flour, how many cups of sugar would you need?

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1. $2\frac{8}{36}$
2. $5\frac{10}{18}$
3. $16\frac{0}{5}$
4. $8\frac{18}{24}$
5. $7\frac{28}{50}$
6. $6\frac{60}{95}$
7. $4\frac{14}{25}$
8. $11\frac{1}{4}$
9. $5\frac{1}{3}$
10. $7\frac{4}{20}$

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$5^{10}/_{18}$

$8^{18}/_{24}$

$7^{28}/_{50}$

$6^{60}/_{95}$

$16^0/_5$

$5^1/_3$

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