



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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Answers

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

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

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

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

$16^0/_5$

$5^1/_3$

$2^8/_36$

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