



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

**Answers**

- 1) A printer cartridge with  $3\frac{2}{3}$  milliliters of ink will print off  $\frac{2}{4}$  of a box of paper. How many milliliters of ink will it take to print an entire box?
- 2) A cookie recipe called for  $3\frac{1}{2}$  cups of sugar for every  $\frac{5}{6}$  cup of flour. If you made a batch of cookies using 1 cup of flour, how many cups of sugar would you need?
- 3) A container with  $3\frac{1}{5}$  liters of weed killer can spray  $\frac{1}{4}$  of a lawn. How many liters would it take to spray 1 entire lawn?
- 4) A bucket of water was  $\frac{1}{2}$  full, but it still had  $2\frac{4}{5}$  gallons of water in it. How much water would be in one fully filled bucket?
- 5) A bike tire was  $\frac{1}{2}$  full. It took a small air compressor  $3\frac{1}{3}$  seconds to fill it up. How long would it have taken to fill an empty tire?
- 6) It takes  $2\frac{1}{2}$  yards of thread to make  $\frac{4}{6}$  of a sock. How many yards of thread will it take to make an entire sock?
- 7) A machine made  $2\frac{2}{3}$  pencils in  $2\frac{1}{4}$  minutes. How many pencils would the machine have made after 5 minutes?
- 8) A carpenter goes through  $2\frac{4}{5}$  boxes of nails finishing  $3\frac{1}{3}$  rooves. How much would he use finishing 4 rooves?
- 9) It takes  $3\frac{1}{4}$  spoons of chocolate syrup to make  $2\frac{1}{5}$  gallons of chocolate milk. How many spoons of syrup would it take to make 3 gallons of chocolate milk?
- 10) A bag with  $3\frac{4}{6}$  quarts of peanuts can make  $2\frac{3}{6}$  jars of peanut butter. How many quarts of peanuts would you need to make 5 jars?

1. \_\_\_\_\_
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5. \_\_\_\_\_
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7. \_\_\_\_\_
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**Answers**

1.  $7\frac{2}{6}$
2.  $4\frac{2}{10}$
3.  $12\frac{4}{5}$
4.  $5\frac{3}{5}$
5.  $6\frac{2}{3}$
6.  $3\frac{6}{8}$
7.  $5\frac{25}{27}$
8.  $3\frac{18}{50}$
9.  $4\frac{19}{44}$
10.  $7\frac{30}{90}$



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$5^{25}/_{27}$

$5^3/_5$

$4^2/_{10}$

$3^6/_8$

$3^{18}/_{50}$

$4^{19}/_{44}$

$7^2/_6$

$6^2/_3$

$7^{30}/_{90}$

$12^4/_5$

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