



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

Answers

- 1) A machine made  $2\frac{4}{6}$  pencils in  $3\frac{2}{5}$  minutes. How many pencils would the machine have made after 2 minutes?
- 2) It takes  $2\frac{1}{2}$  spoons of chocolate syrup to make  $3\frac{1}{3}$  gallons of chocolate milk. How many spoons of syrup would it take to make 5 gallons of chocolate milk?
- 3) A cookie recipe called for  $3\frac{2}{4}$  cups of sugar for every  $\frac{2}{3}$  cup of flour. If you made a batch of cookies using 1 cup of flour, how many cups of sugar would you need?
- 4) It takes  $3\frac{1}{3}$  yards of thread to make  $\frac{1}{3}$  of a sock. How many yards of thread will it take to make an entire sock?
- 5) It takes  $2\frac{1}{2}$  gallons of water to fill up  $3\frac{1}{4}$  containers. How much water would it take to fill 9 containers?
- 6) A printer cartridge with  $2\frac{1}{6}$  milliliters of ink will print off  $2\frac{1}{2}$  reams of paper. How many milliliters of ink will it take to print 7 reams?
- 7) A carpenter goes through  $2\frac{2}{3}$  boxes of nails finishing  $\frac{3}{4}$  of a roof. How much would he use finishing the entire roof?
- 8) A chef had to fill up  $\frac{3}{5}$  of a container with mashed potatoes. He ended up using  $2\frac{1}{2}$  pounds of mashed potatoes. How many pounds would he use if he had to fill up the entire container?
- 9) A bag with  $3\frac{4}{5}$  quarts of peanuts can make  $2\frac{3}{4}$  jars of peanut butter. How many quarts of peanuts would you need to make 7 jars?
- 10) A container with  $2\frac{1}{2}$  gallons of weed killer can spray  $3\frac{1}{6}$  lawns. How many gallons would it take to spray 6 lawns?

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_



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

- 1) A machine made  $2\frac{4}{6}$  pencils in  $3\frac{2}{5}$  minutes. How many pencils would the machine have made after 2 minutes?
- 2) It takes  $2\frac{1}{2}$  spoons of chocolate syrup to make  $3\frac{1}{3}$  gallons of chocolate milk. How many spoons of syrup would it take to make 5 gallons of chocolate milk?
- 3) A cookie recipe called for  $3\frac{2}{4}$  cups of sugar for every  $\frac{2}{3}$  cup of flour. If you made a batch of cookies using 1 cup of flour, how many cups of sugar would you need?
- 4) It takes  $3\frac{1}{3}$  yards of thread to make  $\frac{1}{3}$  of a sock. How many yards of thread will it take to make an entire sock?
- 5) It takes  $2\frac{1}{2}$  gallons of water to fill up  $3\frac{1}{4}$  containers. How much water would it take to fill 9 containers?
- 6) A printer cartridge with  $2\frac{1}{6}$  milliliters of ink will print off  $2\frac{1}{2}$  reams of paper. How many milliliters of ink will it take to print 7 reams?
- 7) A carpenter goes through  $2\frac{2}{3}$  boxes of nails finishing  $\frac{3}{4}$  of a roof. How much would he use finishing the entire roof?
- 8) A chef had to fill up  $\frac{3}{5}$  of a container with mashed potatoes. He ended up using  $2\frac{1}{2}$  pounds of mashed potatoes. How many pounds would he use if he had to fill up the entire container?
- 9) A bag with  $3\frac{4}{5}$  quarts of peanuts can make  $2\frac{3}{4}$  jars of peanut butter. How many quarts of peanuts would you need to make 7 jars?
- 10) A container with  $2\frac{1}{2}$  gallons of weed killer can spray  $3\frac{1}{6}$  lawns. How many gallons would it take to spray 6 lawns?

Answers

1.  $1\frac{58}{102}$
2.  $3\frac{15}{20}$
3.  $5\frac{2}{8}$
4.  $10\frac{0}{3}$
5.  $6\frac{24}{26}$
6.  $6\frac{2}{30}$
7.  $3\frac{5}{9}$
8.  $4\frac{1}{6}$
9.  $9\frac{37}{55}$
10.  $4\frac{28}{38}$



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

$4^{28}/_{38}$

$4^{1}/_{6}$

$5^{2}/_{8}$

$6^{2}/_{30}$

$1^{58}/_{102}$

$9^{37}/_{55}$

$3^{5}/_{9}$

$3^{15}/_{20}$

$10^{0}/_{3}$

$6^{24}/_{26}$

**Answers**

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

1) A machine made  $2\frac{4}{6}$  pencils in  $3\frac{2}{5}$  minutes. How many pencils would the machine have made after 2 minutes?

2) It takes  $2\frac{1}{2}$  spoons of chocolate syrup to make  $3\frac{1}{3}$  gallons of chocolate milk. How many spoons of syrup would it take to make 5 gallons of chocolate milk?

3) A cookie recipe called for  $3\frac{2}{4}$  cups of sugar for every  $\frac{2}{3}$  cup of flour. If you made a batch of cookies using 1 cup of flour, how many cups of sugar would you need?

4) It takes  $3\frac{1}{3}$  yards of thread to make  $\frac{1}{3}$  of a sock. How many yards of thread will it take to make an entire sock?

5) It takes  $2\frac{1}{2}$  gallons of water to fill up  $3\frac{1}{4}$  containers. How much water would it take to fill 9 containers?

6) A printer cartridge with  $2\frac{1}{6}$  milliliters of ink will print off  $2\frac{1}{2}$  reams of paper. How many milliliters of ink will it take to print 7 reams?

7) A carpenter goes through  $2\frac{2}{3}$  boxes of nails finishing  $\frac{3}{4}$  of a roof. How much would he use finishing the entire roof?

8) A chef had to fill up  $\frac{3}{5}$  of a container with mashed potatoes. He ended up using  $2\frac{1}{2}$  pounds of mashed potatoes. How many pounds would he use if he had to fill up the entire container?

9) A bag with  $3\frac{4}{5}$  quarts of peanuts can make  $2\frac{3}{4}$  jars of peanut butter. How many quarts of peanuts would you need to make 7 jars?

10) A container with  $2\frac{1}{2}$  gallons of weed killer can spray  $3\frac{1}{6}$  lawns. How many gallons would it take to spray 6 lawns?