



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

Answers

- 1) A cookie recipe called for  $2\frac{1}{4}$  cups of sugar for every  $\frac{2}{4}$  cup of flour. If you made a batch of cookies using 1 cup of flour, how many cups of sugar would you need?
- 2) It takes  $2\frac{3}{6}$  yards of thread to make  $\frac{1}{4}$  of a sock. How many yards of thread will it take to make an entire sock?
- 3) A bike tire was  $\frac{3}{6}$  full. It took a small air compressor  $3\frac{3}{5}$  seconds to fill it up. How long would it have taken to fill an empty tire?
- 4) A printer cartridge with  $3\frac{1}{2}$  milliliters of ink will print off  $2\frac{3}{4}$  reams of paper. How many milliliters of ink will it take to print 2 reams?
- 5) A bucket of water was  $\frac{2}{5}$  full, but it still had  $2\frac{2}{3}$  gallons of water in it. How much water would be in one fully filled bucket?
- 6) A chef had to fill up  $2\frac{1}{3}$  containers with mashed potatoes. He ended up using  $2\frac{2}{3}$  pounds of mashed potatoes. How many pounds would he use if he had to fill up 5 containers?
- 7) A container with  $3\frac{1}{5}$  gallons of weed killer can spray  $2\frac{1}{2}$  lawns. How many gallons would it take to spray 8 lawns?
- 8) A water faucet leaked  $3\frac{2}{4}$  liters of water over the course of  $2\frac{1}{2}$  hours. How many liters would it have leaked after 6 hours?
- 9) A carpenter goes through  $3\frac{1}{2}$  boxes of nails finishing  $\frac{1}{4}$  of a roof. How much would he use finishing the entire roof?
- 10) A machine made  $3\frac{1}{5}$  pencils in  $\frac{3}{4}$  of a minute. It made pencils at a rate of how many per minute?

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



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

- 1) A cookie recipe called for  $2\frac{1}{4}$  cups of sugar for every  $\frac{2}{4}$  cup of flour. If you made a batch of cookies using 1 cup of flour, how many cups of sugar would you need?
- 2) It takes  $2\frac{3}{6}$  yards of thread to make  $\frac{1}{4}$  of a sock. How many yards of thread will it take to make an entire sock?
- 3) A bike tire was  $\frac{3}{6}$  full. It took a small air compressor  $3\frac{3}{5}$  seconds to fill it up. How long would it have taken to fill an empty tire?
- 4) A printer cartridge with  $3\frac{1}{2}$  milliliters of ink will print off  $2\frac{3}{4}$  reams of paper. How many milliliters of ink will it take to print 2 reams?
- 5) A bucket of water was  $\frac{2}{5}$  full, but it still had  $2\frac{2}{3}$  gallons of water in it. How much water would be in one fully filled bucket?
- 6) A chef had to fill up  $2\frac{1}{3}$  containers with mashed potatoes. He ended up using  $2\frac{2}{3}$  pounds of mashed potatoes. How many pounds would he use if he had to fill up 5 containers?
- 7) A container with  $3\frac{1}{5}$  gallons of weed killer can spray  $2\frac{1}{2}$  lawns. How many gallons would it take to spray 8 lawns?
- 8) A water faucet leaked  $3\frac{2}{4}$  liters of water over the course of  $2\frac{1}{2}$  hours. How many liters would it have leaked after 6 hours?
- 9) A carpenter goes through  $3\frac{1}{2}$  boxes of nails finishing  $\frac{1}{4}$  of a roof. How much would he use finishing the entire roof?
- 10) A machine made  $3\frac{1}{5}$  pencils in  $\frac{3}{4}$  of a minute. It made pencils at a rate of how many per minute?

**Answers**

1.  $4\frac{4}{8}$
2.  $10\frac{0}{6}$
3.  $7\frac{3}{15}$
4.  $2\frac{12}{22}$
5.  $6\frac{4}{6}$
6.  $5\frac{15}{21}$
7.  $10\frac{6}{25}$
8.  $8\frac{8}{20}$
9.  $14\frac{0}{2}$
10.  $4\frac{4}{15}$



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

**Answers**

$10\frac{0}{6}$

$8\frac{8}{20}$

$7\frac{3}{15}$

$14\frac{0}{2}$

$5\frac{15}{21}$

$6\frac{4}{6}$

$2\frac{12}{22}$

$4\frac{4}{15}$

$10\frac{6}{25}$

$4\frac{4}{8}$

- 1) A cookie recipe called for  $2\frac{1}{4}$  cups of sugar for every  $\frac{2}{4}$  cup of flour. If you made a batch of cookies using 1 cup of flour, how many cups of sugar would you need?
- 2) It takes  $2\frac{3}{6}$  yards of thread to make  $\frac{1}{4}$  of a sock. How many yards of thread will it take to make an entire sock?
- 3) A bike tire was  $\frac{3}{6}$  full. It took a small air compressor  $3\frac{3}{5}$  seconds to fill it up. How long would it have taken to fill an empty tire?
- 4) A printer cartridge with  $3\frac{1}{2}$  milliliters of ink will print off  $2\frac{3}{4}$  reams of paper. How many milliliters of ink will it take to print 2 reams?
- 5) A bucket of water was  $\frac{2}{5}$  full, but it still had  $2\frac{2}{3}$  gallons of water in it. How much water would be in one fully filled bucket?
- 6) A chef had to fill up  $2\frac{1}{3}$  containers with mashed potatoes. He ended up using  $2\frac{2}{3}$  pounds of mashed potatoes. How many pounds would he use if he had to fill up 5 containers?
- 7) A container with  $3\frac{1}{5}$  gallons of weed killer can spray  $2\frac{1}{2}$  lawns. How many gallons would it take to spray 8 lawns?
- 8) A water faucet leaked  $3\frac{2}{4}$  liters of water over the course of  $2\frac{1}{2}$  hours. How many liters would it have leaked after 6 hours?
- 9) A carpenter goes through  $3\frac{1}{2}$  boxes of nails finishing  $\frac{1}{4}$  of a roof. How much would he use finishing the entire roof?
- 10) A machine made  $3\frac{1}{5}$  pencils in  $\frac{3}{4}$  of a minute. It made pencils at a rate of how many per minute?

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