



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

- 1) A container with $2\frac{2}{4}$ gallons of weed killer can spray $3\frac{1}{2}$ lawns. How many gallons would it take to spray 8 lawns?
- 2) A tire shop had to fill $2\frac{1}{2}$ tires with air. It took a small air compressor $3\frac{4}{5}$ seconds to fill them up. How long would it take to fill 7 tires?
- 3) A bucket of water was $\frac{2}{4}$ full, but it still had $2\frac{3}{4}$ gallons of water in it. How much water would be in one fully filled bucket?
- 4) 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?
- 5) A carpenter goes through $3\frac{1}{3}$ boxes of nails finishing $2\frac{2}{5}$ rooves. How much would he use finishing 8 rooves?
- 6) A printer cartridge with $2\frac{1}{4}$ 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?
- 7) It takes $3\frac{3}{5}$ spoons of chocolate syrup to make $3\frac{1}{4}$ gallons of chocolate milk. How many spoons of syrup would it take to make 2 gallons of chocolate milk?
- 8) A chef had to fill up $3\frac{1}{4}$ containers with mashed potatoes. He ended up using $3\frac{1}{2}$ pounds of mashed potatoes. How many pounds would he use if he had to fill up 9 containers?
- 9) A machine made $2\frac{3}{5}$ pencils in $\frac{1}{3}$ of a minute. It made pencils at a rate of how many per minute?
- 10) A cookie recipe called for $3\frac{3}{5}$ cups of sugar for every $2\frac{4}{6}$ cups of flour. If you made a batch of cookies using 8 cup of flour, how many cups of sugar would you need?

Answers

1. _____

2. _____

3. _____

4. _____

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Answers

1. $5\frac{20}{28}$
2. $10\frac{16}{25}$
3. $5\frac{4}{8}$
4. $5\frac{1}{3}$
5. $11\frac{4}{36}$
6. $4\frac{4}{8}$
7. $2\frac{14}{65}$
8. $9\frac{18}{26}$
9. $7\frac{4}{5}$
10. $10\frac{64}{80}$



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Answers

$10 \frac{64}{80}$

$5 \frac{1}{3}$

$2 \frac{14}{65}$

$5 \frac{20}{28}$

$10 \frac{16}{25}$

1. _____

$11 \frac{4}{36}$

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