



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

- 1) A cookie recipe called for $2\frac{2}{4}$ cups of sugar for every $3\frac{3}{6}$ cups of flour. If you made a batch of cookies using 3 cup of flour, how many cups of sugar would you need?
- 2) It takes $3\frac{2}{5}$ spoons of chocolate syrup to make $3\frac{1}{4}$ gallons of chocolate milk. How many spoons of syrup would it take to make 8 gallons of chocolate milk?
- 3) A machine made $2\frac{1}{4}$ pencils in $\frac{1}{2}$ of a minute. It made pencils at a rate of how many per minute?
- 4) A bag with $3\frac{3}{5}$ ounces of peanuts can make $\frac{3}{4}$ of a jar of peanut butter. It can make one full jar with how many ounces of peanuts?
- 5) A printer cartridge with $3\frac{1}{6}$ milliliters of ink will print off $\frac{1}{2}$ of a box of paper. How many milliliters of ink will it take to print an entire box?
- 6) A tire shop had to fill $2\frac{1}{6}$ tires with air. It took a small air compressor $2\frac{5}{6}$ seconds to fill them up. How long would it take to fill 7 tires?
- 7) It takes $2\frac{1}{2}$ gallons of water to fill up $3\frac{3}{5}$ containers. How much water would it take to fill 8 containers?
- 8) A container with $3\frac{2}{6}$ liters of weed killer can spray $\frac{3}{6}$ of a lawn. How many liters would it take to spray 1 entire lawn?
- 9) A carpenter goes through $3\frac{2}{3}$ boxes of nails finishing $2\frac{2}{6}$ rooves. How much would he use finishing 4 rooves?
- 10) A water faucet leaked $2\frac{1}{2}$ liters of water over the course of $2\frac{2}{4}$ hours. How many liters would it have leaked after 8 hours?

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____



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Answers

1. $2\frac{12}{84}$
2. $8\frac{24}{65}$
3. $4\frac{2}{4}$
4. $4\frac{12}{15}$
5. $6\frac{2}{6}$
6. $9\frac{12}{78}$
7. $5\frac{20}{36}$
8. $6\frac{12}{18}$
9. $6\frac{12}{42}$
10. 8



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

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$6 \frac{12}{18}$

$8 \frac{24}{65}$

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$9 \frac{12}{78}$

1. _____

$2 \frac{12}{84}$

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$4 \frac{12}{15}$

$4 \frac{2}{4}$

8

2. _____

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