



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

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

Answers

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



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Answers

1. $1\frac{42}{48}$
2. $7\frac{1}{3}$
3. $5\frac{8}{12}$
4. 8
5. $3\frac{3}{4}$
6. $10\frac{2}{25}$
7. $5\frac{26}{30}$
8. 7
9. $2\frac{28}{46}$
10. $4\frac{4}{20}$



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$3 \frac{3}{4}$

$7 \frac{1}{3}$

$2 \frac{28}{46}$

$10 \frac{2}{25}$

$5 \frac{8}{12}$

7

$4 \frac{4}{20}$

$5 \frac{26}{30}$

8

$1 \frac{42}{48}$

Answers

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