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

1) It takes $2\frac{1}{2}$ spoons of chocolate syrup to make $2\frac{1}{2}$ gallons of chocolate milk. How many spoons of syrup would it take to make 7 gallons of chocolate milk?

2) A printer cartridge with $2\frac{1}{2}$ milliliters of ink will print off $\frac{1}{3}$ of a box of paper. How many milliliters of ink will it take to print an entire box?

3) A cookie recipe called for $2\frac{2}{3}$ 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) A bag with $3\frac{1}{3}$ ounces of peanuts can make $\frac{4}{5}$ of a jar of peanut butter. It can make one full jar with how many ounces of peanuts?

5) A carpenter goes through $3\frac{2}{3}$ boxes of nails finishing $3\frac{1}{6}$ rooves. How much would he use finishing 3 rooves?

6) A tire shop had to fill $3\frac{1}{3}$ tires with air. It took a small air compressor $3\frac{1}{4}$ seconds to fill them up. How long would it take to fill 2 tires?

7) A container with $3\frac{1}{4}$ liters of weed killer can spray $\frac{2}{5}$ of a lawn. How many liters would it take to spray 1 entire lawn?

8) A water faucet leaked $3\frac{4}{5}$ liters of water over the course of $3\frac{2}{5}$ hours. How many liters would it have leaked after 5 hours?

9) A chef had to fill up $\frac{3}{5}$ of a container 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 the entire container?

10) A bucket of water was $\frac{3}{6}$ full, but it still had $2\frac{1}{2}$ gallons of water in it. How much water would be in one fully filled bucket?

Answers

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

1-10	90	80	70	60	50	40	30	20	10	0

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Answers

1. $7\frac{0}{10}$
2. $7\frac{1}{2}$
3. $4\frac{0}{6}$
4. $4\frac{2}{12}$
5. $3\frac{27}{57}$
6. $1\frac{38}{40}$
7. $8\frac{1}{8}$
8. $5\frac{50}{85}$
9. $5\frac{5}{6}$
10. $5\frac{0}{6}$

1-10	90	80	70	60	50	40	30	20	10	0

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$4\frac{0}{6}$	$5\frac{50}{85}$	$4\frac{2}{12}$	$8\frac{1}{8}$	$3\frac{27}{57}$
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