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

1) A cookie recipe called for $2\frac{2}{3}$ cups of sugar for every $\frac{2}{6}$ cup of flour. If you made a batch of cookies using 1 cup of flour, how many cups of sugar would you need?

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

3) A chef had to fill up $2\frac{3}{6}$ containers with mashed potatoes. He ended up using $2\frac{4}{6}$ pounds of mashed potatoes. How many pounds would he use if he had to fill up 6 containers?

4) It takes $3\frac{1}{6}$ spoons of chocolate syrup to make $\frac{3}{4}$ of a gallon of chocolate milk. How many spoons of syrup would it take to make 1 gallon of chocolate milk?

5) A machine made $3\frac{3}{5}$ pencils in $3\frac{1}{3}$ minutes. How many pencils would the machine have made after 3 minutes?

6) A water faucet leaked $2\frac{3}{5}$ liters of water every $\frac{1}{4}$ of an hour. It leaked at a rate of how many liters per hour?

7) 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?

8) A carpenter goes through $2\frac{3}{4}$ boxes of nails finishing $3\frac{3}{5}$ rooves. How much would he use finishing 9 rooves?

9) It takes $2\frac{4}{5}$ yards of thread to make $\frac{2}{3}$ of a sock. How many yards of thread will it take to make an entire sock?

10) It takes $2\frac{1}{2}$ gallons of water to fill up $3\frac{1}{2}$ containers. How much water would it take to fill 4 containers?

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. **8**
2. **$16\frac{1}{4}$**
3. **$6\frac{36}{90}$**
4. **$4\frac{4}{18}$**
5. **$3\frac{12}{50}$**
6. **$10\frac{2}{5}$**
7. **$2\frac{12}{22}$**
8. **$6\frac{63}{72}$**
9. **$4\frac{2}{10}$**
10. **$2\frac{12}{14}$**

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

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$16\frac{1}{4}$	$2\frac{12}{22}$	$6\frac{36}{90}$	8	$10\frac{2}{5}$
$3\frac{12}{50}$	$6\frac{63}{72}$	$2\frac{12}{14}$	$4\frac{4}{18}$	$4\frac{2}{10}$

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