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

1) A container with $3\frac{1}{3}$ gallons of weed killer can spray $3\frac{1}{4}$ lawns. How many gallons would it take to spray 7 lawns?

2) A cookie recipe called for $3\frac{1}{2}$ cups of sugar for every $3\frac{1}{2}$ cups of flour. If you made a batch of cookies using 4 cup of flour, how many cups of sugar would you need?

3) A machine made $3\frac{1}{6}$ pencils in $\frac{2}{3}$ of a minute. It made pencils at a rate of how many per minute?

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

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

6) A printer cartridge with $2\frac{5}{6}$ 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) A bike tire was $\frac{2}{3}$ full. It took a small air compressor $3\frac{1}{6}$ seconds to fill it up. How long would it have taken to fill an empty tire?

8) A carpenter goes through $3\frac{2}{3}$ boxes of nails finishing $\frac{3}{6}$ of a roof. How much would he use finishing the entire roof?

9) A chef had to fill up $2\frac{4}{6}$ containers with mashed potatoes. He ended up using $2\frac{1}{2}$ pounds of mashed potatoes. How many pounds would he use if he had to fill up 6 containers?

10) It takes $3\frac{3}{6}$ gallons of water to fill up $3\frac{4}{6}$ containers. How much water would it take to fill 9 containers?

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

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	Answers
1.	$7\frac{7}{39}$
2.	$4\frac{0}{14}$
3.	$4\frac{9}{12}$
4.	$5\frac{0}{2}$
5.	$5\frac{2}{4}$
6.	$5\frac{8}{12}$
7.	$4\frac{9}{12}$
8.	$7\frac{3}{9}$
9.	$5\frac{20}{32}$
10.	$8\frac{78}{132}$

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

$5\,^{8}/_{12}$	$4\,^{0}/_{14}$	$7\,^{3}/_{9}$	$5\,^{20}/_{32}$	$7\,^{7}/_{39}$
$4\,^{9}/_{12}$	$8\,^{78}/_{132}$	$5\,^{2}/_{4}$	$5\,^{0}/_{2}$	$4\,^{9}/_{12}$

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