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

1) A printer cartridge with $3\frac{3}{5}$ milliliters of ink will print off $3\frac{2}{3}$ reams of paper. How many milliliters of ink will it take to print 7 reams?

2) A cookie recipe called for $2\frac{3}{5}$ cups of sugar for every $\frac{1}{3}$ cup of flour. If you made a batch of cookies using 1 cup of flour, how many cups of sugar would you need?

3) A container with $3\frac{1}{4}$ gallons of weed killer can spray $2\frac{2}{4}$ lawns. How many gallons would it take to spray 5 lawns?

4) A chef had to fill up $\frac{2}{4}$ of a container with mashed potatoes. He ended up using $3\frac{1}{5}$ pounds of mashed potatoes. How many pounds would he use if he had to fill up the entire container?

5) A tire shop had to fill $2\frac{4}{5}$ tires with air. It took a small air compressor $2\frac{1}{3}$ seconds to fill them up. How long would it take to fill 6 tires?

6) A water faucet leaked $3\frac{1}{2}$ liters of water over the course of $2\frac{1}{3}$ hours. How many liters would it have leaked after 4 hours?

7) A carpenter goes through $2\frac{1}{4}$ boxes of nails finishing $2\frac{1}{3}$ rooves. How much would he use finishing 5 rooves?

8) It takes $2\frac{3}{4}$ spoons of chocolate syrup to make $\frac{5}{6}$ of a gallon of chocolate milk. How many spoons of syrup would it take to make 1 gallon of chocolate milk?

9) It takes $2\frac{1}{6}$ yards of thread to make $\frac{2}{5}$ of a sock. How many yards of thread will it take to make an entire sock?

10) A bucket of water was $\frac{2}{3}$ full, but it still had $2\frac{2}{3}$ 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. $6\frac{48}{55}$
2. $7\frac{4}{5}$
3. $6\frac{20}{40}$
4. $6\frac{4}{10}$
5. 5
6. 6
7. $4\frac{23}{28}$
8. $3\frac{6}{20}$
9. $5\frac{5}{12}$
10. 4

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6	$4\frac{23}{28}$	$6\frac{20}{40}$	4	$6\frac{48}{55}$
$5\frac{5}{12}$	$7\frac{4}{5}$	5	$3\frac{6}{20}$	$6\frac{4}{10}$

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