Name:

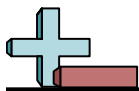**Solve each problem. Answer as a mixed number (if possible).**

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

1. _____

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

2. _____

3. _____

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

4. _____

5. _____

4) It takes $3\frac{1}{3}$ gallons of water to fill up $2\frac{1}{2}$ containers. How much water would it take to fill 8 containers?

6. _____

7. _____

5) A bag with $2\frac{3}{5}$ quarts of peanuts can make $3\frac{2}{3}$ jars of peanut butter. How many quarts of peanuts would you need to make 2 jars?

8. _____

9. _____

10. _____

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

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

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

9) It takes $3\frac{1}{2}$ yards of thread to make $\frac{5}{6}$ of a sock. How many yards of thread will it take to make an entire sock?

10) A machine made $3\frac{2}{5}$ pencils in $2\frac{1}{4}$ minutes. How many pencils would the machine have made after 5 minutes?

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

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

1. _____ $4\frac{2}{12}$

2. _____ $17\frac{1}{2}$

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

3. _____ $3\frac{6}{42}$

4. _____ $10\frac{10}{15}$

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

5. _____ $1\frac{23}{55}$

6. _____ $15\frac{0}{4}$

4) It takes $3\frac{1}{3}$ gallons of water to fill up $2\frac{1}{2}$ containers. How much water would it take to fill 8 containers?

7. _____ $3\frac{12}{56}$

8. _____ $5\frac{10}{33}$

5) A bag with $2\frac{3}{5}$ quarts of peanuts can make $3\frac{2}{3}$ jars of peanut butter. How many quarts of peanuts would you need to make 2 jars?

9. _____ $4\frac{2}{10}$

10. _____ $7\frac{25}{45}$

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

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

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

$15^0/_4$	$3^{12}/_{56}$	$7^{25}/_{45}$	$3^6/_{42}$	$10^{10}/_{15}$
$17^1/_2$	$4^2/_{10}$	$4^2/_{12}$	$1^{23}/_{55}$	$5^{10}/_{33}$

1) It takes $3^1/_3$ spoons of chocolate syrup to make $^4/_5$ of a gallon of chocolate milk. How many spoons of syrup would it take to make 1 gallon of chocolate milk?

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Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____