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

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

1. _____

2. _____

2) A chef had to fill up $2\frac{1}{2}$ containers 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 3 containers?

3. _____

4. _____

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

5. _____

6. _____

4) A container with $2\frac{3}{4}$ liters of weed killer can spray $\frac{5}{6}$ of a lawn. How many liters would it take to spray 1 entire lawn?

7. _____

8. _____

5) A printer cartridge with $3\frac{1}{6}$ milliliters of ink will print off $2\frac{1}{2}$ reams of paper. How many milliliters of ink will it take to print 5 reams?

9. _____

10. _____

6) It takes $3\frac{2}{3}$ gallons of water to fill up $2\frac{5}{6}$ containers. How much water would it take to fill 8 containers?

7) A cookie recipe called for $3\frac{3}{4}$ cups of sugar for every $2\frac{4}{6}$ cups of flour. If you made a batch of cookies using 5 cup of flour, how many cups of sugar would you need?

8) A machine made $2\frac{1}{2}$ pencils in $2\frac{1}{2}$ minutes. How many pencils would the machine have made after 9 minutes?

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

10) A carpenter goes through $3\frac{2}{3}$ boxes of nails finishing $\frac{1}{2}$ of a roof. How much would he use finishing the entire roof?

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

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

1. ___ $8\frac{6}{8}$ ___

2. ___ $4\frac{2}{10}$ ___

2) A chef had to fill up $2\frac{1}{2}$ containers 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 3 containers?

3. ___ $4\frac{19}{24}$ ___

4. ___ $3\frac{6}{20}$ ___

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

5. ___ $6\frac{10}{30}$ ___

6. ___ $10\frac{18}{51}$ ___

4) A container with $2\frac{3}{4}$ liters of weed killer can spray $\frac{5}{6}$ of a lawn. How many liters would it take to spray 1 entire lawn?

7. ___ $7\frac{2}{64}$ ___

8. ___ $9\frac{0}{10}$ ___

5) A printer cartridge with $3\frac{1}{6}$ milliliters of ink will print off $2\frac{1}{2}$ reams of paper. How many milliliters of ink will it take to print 5 reams?

9. ___ $17\frac{1}{2}$ ___

10. ___ $7\frac{1}{3}$ ___

6) It takes $3\frac{2}{3}$ gallons of water to fill up $2\frac{5}{6}$ containers. How much water would it take to fill 8 containers?

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Answers

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

$17\frac{1}{2}$	$7\frac{2}{64}$	$3\frac{6}{20}$	$9\frac{0}{10}$	$6\frac{10}{30}$
$4\frac{2}{10}$	$10\frac{18}{51}$	$4\frac{19}{24}$	$7\frac{1}{3}$	$8\frac{6}{8}$

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

Math   **Modified**   1-10 | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 | 0