Name:

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

1) A water faucet leaked $2\frac{1}{6}$ liters of water over the course of $3\frac{1}{2}$ hours. How many liters would it have leaked after 7 hours?

2) A bucket of water was $\frac{1}{2}$ full, but it still had $2\frac{1}{4}$ gallons of water in it. How much water would be in one fully filled bucket?

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

4) A printer cartridge with $3\frac{1}{4}$ milliliters of ink will print off $\frac{2}{3}$ of a box of paper. How many milliliters of ink will it take to print an entire box?

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

6) A cookie recipe called for $3\frac{1}{2}$ cups of sugar for every $2\frac{1}{5}$ cups of flour. If you made a batch of cookies using 4 cup of flour, how many cups of sugar would you need?

7) A chef had to fill up $\frac{4}{6}$ of a container with mashed potatoes. He ended up using $3\frac{1}{3}$ pounds of mashed potatoes. How many pounds would he use if he had to fill up the entire container?

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

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

10) A carpenter goes through $3\frac{2}{4}$ boxes of nails finishing $\frac{3}{6}$ of a roof. How much would he use finishing the entire roof?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Math

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Answers

1. $4\frac{14}{42}$

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

3. $3\frac{9}{32}$

4. $4\frac{7}{8}$

5. $10\frac{2}{4}$

6. $6\frac{8}{22}$

7. $5\frac{0}{12}$

8. $2\frac{12}{15}$

9. $2\frac{0}{10}$

10. $7\frac{0}{12}$

Math   www.CommonCoreSheets.com

Using Units Rates with Fractions

Name:

Answers

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

$6^8/_{22}$	$2^{12}/_{15}$	$4^7/_8$	$10^2/_4$	$3^9/_{32}$
$4^{14}/_{42}$	$7^0/_{12}$	$5^0/_{12}$	$4^2/_4$	$2^0/_{10}$

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8. _____

9. _____

10. _____

Math

Modified

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