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

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

1. _____

2. _____

**2)** A bag with $3\frac{4}{6}$ quarts of peanuts can make $2\frac{4}{5}$ jars of peanut butter. How many quarts of peanuts would you need to make 4 jars?

3. _____

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

4. _____

5. _____

**4)** A chef had to fill up $\frac{1}{2}$ of a container with mashed potatoes. He ended up using $2\frac{3}{6}$ pounds of mashed potatoes. How many pounds would he use if he had to fill up the entire container?

6. _____

7. _____

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

8. _____

9. _____

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

10. _____

**7)** It takes $2\frac{1}{6}$ gallons of water to fill up $3\frac{1}{3}$ containers. How much water would it take to fill 6 containers?

**8)** A bike tire was $\frac{3}{4}$ full. It took a small air compressor $2\frac{3}{6}$ seconds to fill it up. How long would it have taken to fill an empty tire?

**9)** A carpenter goes through $2\frac{1}{3}$ boxes of nails finishing $3\frac{3}{4}$ rooves. How much would he use finishing 8 rooves?

**10)** A water faucet leaked $3\frac{1}{2}$ liters of water over the course of $3\frac{2}{3}$ hours. How many liters would it have leaked after 8 hours?

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

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| # | Answer |
|---|--------|
| 1. | $2\frac{6}{30}$ |
| 2. | $5\frac{20}{84}$ |
| 3. | $8\frac{2}{6}$ |
| 4. | $5$ |
| 5. | $4$ |
| 6. | $10\frac{2}{5}$ |
| 7. | $3\frac{54}{60}$ |
| 8. | $3\frac{6}{18}$ |
| 9. | $4\frac{44}{45}$ |
| 10. | $7\frac{14}{22}$ |

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| | | | | |
|---|---|---|---|---|
| $3\,{}^{6}\!/_{18}$ | $8\,{}^{2}\!/_{6}$ | $4$ | $2\,{}^{6}\!/_{30}$ | $10\,{}^{2}\!/_{5}$ |
| $3\,{}^{54}\!/_{60}$ | $7\,{}^{14}\!/_{22}$ | $5\,{}^{20}\!/_{84}$ | $4\,{}^{44}\!/_{45}$ | $5$ |

1. _____

2. _____

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