

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

- 1) A container with $3\frac{4}{5}$ gallons of weed killer can spray $3\frac{1}{2}$ lawns. How many gallons would it take to spray 5 lawns?
- 2) It takes $3\frac{2}{3}$ yards of thread to make $\frac{2}{3}$ of a sock. How many yards of thread will it take to make an entire sock?
- 3) A machine made $2\frac{4}{6}$ pencils in $\frac{4}{6}$ of a minute. It made pencils at a rate of how many per minute?
- 4) A cookie recipe called for $2\frac{3}{6}$ cups of sugar for every $2\frac{4}{5}$ cups of flour. If you made a batch of cookies using 7 cup of flour, how many cups of sugar would you need?
- 5) It takes $3\frac{1}{6}$ gallons of water to fill up $2\frac{2}{4}$ containers. How much water would it take to fill 7 containers?
- 6) A bike tire was $\frac{3}{6}$ full. It took a small air compressor $2\frac{2}{3}$ seconds to fill it up. How long would it have taken to fill an empty tire?
- 7) A chef had to fill up $3\frac{1}{3}$ containers with mashed potatoes. He ended up using $2\frac{1}{4}$ pounds of mashed potatoes. How many pounds would he use if he had to fill up 5 containers?
- 8) It takes $2\frac{2}{3}$ spoons of chocolate syrup to make $3\frac{2}{4}$ gallons of chocolate milk. How many spoons of syrup would it take to make 3 gallons of chocolate milk?
- 9) A bag with $2\frac{2}{4}$ 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?
- 10) A printer cartridge with $3\frac{1}{2}$ milliliters of ink will print off $\frac{2}{5}$ of a box of paper. How many milliliters of ink will it take to print an entire box?

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

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

- 1) A container with $3\frac{4}{5}$ gallons of weed killer can spray $3\frac{1}{2}$ lawns. How many gallons would it take to spray 5 lawns?
- 2) It takes $3\frac{2}{3}$ yards of thread to make $\frac{2}{3}$ of a sock. How many yards of thread will it take to make an entire sock?
- 3) A machine made $2\frac{4}{6}$ pencils in $\frac{4}{6}$ of a minute. It made pencils at a rate of how many per minute?
- 4) A cookie recipe called for $2\frac{3}{6}$ cups of sugar for every $2\frac{4}{5}$ cups of flour. If you made a batch of cookies using 7 cup of flour, how many cups of sugar would you need?
- 5) It takes $3\frac{1}{6}$ gallons of water to fill up $2\frac{2}{4}$ containers. How much water would it take to fill 7 containers?
- 6) A bike tire was $\frac{3}{6}$ full. It took a small air compressor $2\frac{2}{3}$ seconds to fill it up. How long would it have taken to fill an empty tire?
- 7) A chef had to fill up $3\frac{1}{3}$ containers with mashed potatoes. He ended up using $2\frac{1}{4}$ pounds of mashed potatoes. How many pounds would he use if he had to fill up 5 containers?
- 8) It takes $2\frac{2}{3}$ spoons of chocolate syrup to make $3\frac{2}{4}$ gallons of chocolate milk. How many spoons of syrup would it take to make 3 gallons of chocolate milk?
- 9) A bag with $2\frac{2}{4}$ 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?
- 10) A printer cartridge with $3\frac{1}{2}$ milliliters of ink will print off $\frac{2}{5}$ of a box of paper. How many milliliters of ink will it take to print an entire box?

1. $5\frac{15}{35}$
2. $5\frac{3}{6}$
3. $4\frac{0}{24}$
4. $6\frac{21}{84}$
5. $8\frac{52}{60}$
6. $5\frac{3}{9}$
7. $3\frac{15}{40}$
8. $2\frac{12}{42}$
9. $7\frac{2}{4}$
10. $8\frac{3}{4}$

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

$2^{12}/_{42}$

$3^{15}/_{40}$

$7^2/_4$

$5^3/_9$

$8^3/_4$

$5^{15}/_{35}$

$6^{21}/_{84}$

$5^3/_6$

$4^0/_{24}$

$8^{52}/_{60}$

- 1) A container with $3\frac{4}{5}$ gallons of weed killer can spray $3\frac{1}{2}$ lawns. How many gallons would it take to spray 5 lawns?
- 2) It takes $3\frac{2}{3}$ yards of thread to make $\frac{2}{3}$ of a sock. How many yards of thread will it take to make an entire sock?
- 3) A machine made $2\frac{4}{6}$ pencils in $\frac{4}{6}$ of a minute. It made pencils at a rate of how many per minute?
- 4) A cookie recipe called for $2\frac{3}{6}$ cups of sugar for every $2\frac{4}{5}$ cups of flour. If you made a batch of cookies using 7 cup of flour, how many cups of sugar would you need?
- 5) It takes $3\frac{1}{6}$ gallons of water to fill up $2\frac{2}{4}$ containers. How much water would it take to fill 7 containers?
- 6) A bike tire was $\frac{3}{6}$ full. It took a small air compressor $2\frac{2}{3}$ seconds to fill it up. How long would it have taken to fill an empty tire?
- 7) A chef had to fill up $3\frac{1}{3}$ containers with mashed potatoes. He ended up using $2\frac{1}{4}$ pounds of mashed potatoes. How many pounds would he use if he had to fill up 5 containers?
- 8) It takes $2\frac{2}{3}$ spoons of chocolate syrup to make $3\frac{2}{4}$ gallons of chocolate milk. How many spoons of syrup would it take to make 3 gallons of chocolate milk?
- 9) A bag with $2\frac{2}{4}$ 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?
- 10) A printer cartridge with $3\frac{1}{2}$ milliliters of ink will print off $\frac{2}{5}$ of a box of paper. How many milliliters of ink will it take to print an entire box?

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