



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

Answers

- 1) A printer cartridge with $3\frac{2}{3}$ milliliters of ink will print off $\frac{2}{4}$ of a box of paper. How many milliliters of ink will it take to print an entire box?
- 2) A cookie recipe called for $3\frac{1}{2}$ cups of sugar for every $\frac{5}{6}$ cup of flour. If you made a batch of cookies using 1 cup of flour, how many cups of sugar would you need?
- 3) A container with $3\frac{1}{5}$ liters of weed killer can spray $\frac{1}{4}$ of a lawn. How many liters would it take to spray 1 entire lawn?
- 4) A bucket of water was $\frac{1}{2}$ full, but it still had $2\frac{4}{5}$ gallons of water in it. How much water would be in one fully filled bucket?
- 5) A bike tire was $\frac{1}{2}$ full. It took a small air compressor $3\frac{1}{3}$ seconds to fill it up. How long would it have taken to fill an empty tire?
- 6) It takes $2\frac{1}{2}$ yards of thread to make $\frac{4}{6}$ of a sock. How many yards of thread will it take to make an entire sock?
- 7) A machine made $2\frac{2}{3}$ pencils in $2\frac{1}{4}$ minutes. How many pencils would the machine have made after 5 minutes?
- 8) A carpenter goes through $2\frac{4}{5}$ boxes of nails finishing $3\frac{1}{3}$ rooves. How much would he use finishing 4 rooves?
- 9) It takes $3\frac{1}{4}$ spoons of chocolate syrup to make $2\frac{1}{5}$ gallons of chocolate milk. How many spoons of syrup would it take to make 3 gallons of chocolate milk?
- 10) A bag with $3\frac{4}{6}$ quarts of peanuts can make $2\frac{3}{6}$ jars of peanut butter. How many quarts of peanuts would you need to make 5 jars?

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Answers

1. $7\frac{2}{6}$
2. $4\frac{2}{10}$
3. $12\frac{4}{5}$
4. $5\frac{3}{5}$
5. $6\frac{2}{3}$
6. $3\frac{6}{8}$
7. $5\frac{25}{27}$
8. $3\frac{18}{50}$
9. $4\frac{19}{44}$
10. $7\frac{30}{90}$



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

$5^{25}/_{27}$

$5^3/_5$

$4^2/_{10}$

$3^6/_8$

$3^{18}/_{50}$

$4^{19}/_{44}$

$7^2/_6$

$6^2/_3$

$7^{30}/_{90}$

$12^4/_5$

Answers

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- 3) A water faucet leaked $2\frac{2}{5}$ liters of water every $\frac{3}{5}$ of an hour. It leaked at a rate of how many liters per hour?
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- 8) It takes $3\frac{5}{6}$ gallons of water to fill up $2\frac{2}{4}$ containers. How much water would it take to fill 3 containers?
- 9) A printer cartridge with $2\frac{1}{6}$ milliliters of ink will print off $2\frac{1}{3}$ reams of paper. How many milliliters of ink will it take to print 2 reams?
- 10) A tire shop had to fill $2\frac{1}{2}$ tires with air. It took a small air compressor $3\frac{1}{2}$ seconds to fill them up. How long would it take to fill 8 tires?

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Answers

1. $4\frac{2}{10}$
2. $4\frac{0}{6}$
3. $4\frac{0}{15}$
4. $4\frac{8}{10}$
5. $8\frac{50}{68}$
6. $7\frac{8}{10}$
7. $7\frac{0}{4}$
8. $4\frac{36}{60}$
9. $1\frac{36}{42}$
10. $11\frac{2}{10}$



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

$1\frac{36}{42}$

$7\frac{8}{10}$

$4\frac{2}{10}$

$4\frac{36}{60}$

$4\frac{0}{15}$

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Answers

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

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2) A machine made $2\frac{2}{3}$ pencils in $\frac{2}{3}$ of a minute. It made pencils at a rate of how many per minute?

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3) A water faucet leaked $2\frac{2}{5}$ liters of water every $\frac{3}{5}$ of an hour. It leaked at a rate of how many liters per hour?

3. _____

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

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5) A container with $2\frac{3}{4}$ gallons of weed killer can spray $2\frac{5}{6}$ lawns. How many gallons would it take to spray 9 lawns?

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7) It takes $3\frac{1}{2}$ spoons of chocolate syrup to make $\frac{2}{4}$ 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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8) It takes $3\frac{5}{6}$ gallons of water to fill up $2\frac{2}{4}$ containers. How much water would it take to fill 3 containers?

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- 10) A container with $2\frac{1}{2}$ gallons of weed killer can spray $3\frac{1}{6}$ lawns. How many gallons would it take to spray 6 lawns?

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Answers

1. $1\frac{58}{102}$
2. $3\frac{15}{20}$
3. $5\frac{2}{8}$
4. $10\frac{0}{3}$
5. $6\frac{24}{26}$
6. $6\frac{2}{30}$
7. $3\frac{5}{9}$
8. $4\frac{1}{6}$
9. $9\frac{37}{55}$
10. $4\frac{28}{38}$



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

$4^{28}/_{38}$

$4^1/_6$

$5^2/_8$

$6^2/_{30}$

$1^{58}/_{102}$

$9^{37}/_{55}$

$3^5/_9$

$3^{15}/_{20}$

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

Answers

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- 2) A bike tire was $\frac{3}{5}$ full. It took a small air compressor $2\frac{1}{6}$ seconds to fill it up. How long would it have taken to fill an empty tire?
- 3) A bag with $2\frac{1}{3}$ quarts of peanuts can make $3\frac{1}{5}$ jars of peanut butter. How many quarts of peanuts would you need to make 3 jars?
- 4) A carpenter goes through $2\frac{2}{6}$ boxes of nails finishing $2\frac{1}{2}$ rooves. How much would he use finishing 4 rooves?
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- 6) A cookie recipe called for $2\frac{1}{4}$ cups of sugar for every $2\frac{1}{3}$ cups of flour. If you made a batch of cookies using 5 cup of flour, how many cups of sugar would you need?
- 7) A machine made $3\frac{1}{4}$ pencils in $\frac{4}{5}$ of a minute. It made pencils at a rate of how many per minute?
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Answers

1. $9\frac{45}{60}$
2. $3\frac{11}{18}$
3. $2\frac{9}{48}$
4. $3\frac{22}{30}$
5. $2\frac{0}{21}$
6. $4\frac{23}{28}$
7. $4\frac{1}{16}$
8. $4\frac{30}{120}$
9. $9\frac{3}{8}$
10. $7\frac{2}{4}$



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- 8) It takes $2\frac{5}{6}$ gallons of water to fill up $3\frac{2}{6}$ containers. How much water would it take to fill 5 containers?
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Solve each problem. Answer as a mixed number (if possible).

Answers

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

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

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

Answers

1. $7\frac{7}{39}$
2. $4\frac{0}{14}$
3. $4\frac{9}{12}$
4. $5\frac{0}{2}$
5. $5\frac{2}{4}$
6. $5\frac{8}{12}$
7. $4\frac{9}{12}$
8. $7\frac{3}{9}$
9. $5\frac{20}{32}$
10. $8\frac{78}{132}$



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

Answers

$5\frac{8}{12}$

$4\frac{0}{14}$

$7\frac{3}{9}$

$5\frac{20}{32}$

$7\frac{7}{39}$

$4\frac{9}{12}$

$8\frac{78}{132}$

$5\frac{2}{4}$

$5\frac{0}{2}$

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

Answers

- 1) It takes $2\frac{1}{2}$ spoons of chocolate syrup to make $2\frac{1}{2}$ gallons of chocolate milk. How many spoons of syrup would it take to make 7 gallons of chocolate milk?
- 2) A printer cartridge with $2\frac{1}{2}$ milliliters of ink will print off $\frac{1}{3}$ of a box of paper. How many milliliters of ink will it take to print an entire box?
- 3) A cookie recipe called for $2\frac{2}{3}$ cups of sugar for every $\frac{2}{3}$ cup of flour. If you made a batch of cookies using 1 cup of flour, how many cups of sugar would you need?
- 4) A bag with $3\frac{1}{3}$ ounces of peanuts can make $\frac{4}{5}$ of a jar of peanut butter. It can make one full jar with how many ounces of peanuts?
- 5) A carpenter goes through $3\frac{2}{3}$ boxes of nails finishing $3\frac{1}{6}$ rooves. How much would he use finishing 3 rooves?
- 6) A tire shop had to fill $3\frac{1}{3}$ tires with air. It took a small air compressor $3\frac{1}{4}$ seconds to fill them up. How long would it take to fill 2 tires?
- 7) A container with $3\frac{1}{4}$ liters of weed killer can spray $\frac{2}{5}$ of a lawn. How many liters would it take to spray 1 entire lawn?
- 8) A water faucet leaked $3\frac{4}{5}$ liters of water over the course of $3\frac{2}{5}$ hours. How many liters would it have leaked after 5 hours?
- 9) A chef had to fill up $\frac{3}{5}$ of a container 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 the entire container?
- 10) A bucket of water was $\frac{3}{6}$ full, but it still had $2\frac{1}{2}$ gallons of water in it. How much water would be in one fully filled bucket?

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- 10) A bucket of water was $\frac{3}{6}$ full, but it still had $2\frac{1}{2}$ gallons of water in it. How much water would be in one fully filled bucket?

Answers

1. $7\frac{0}{10}$
2. $7\frac{1}{2}$
3. $4\frac{0}{6}$
4. $4\frac{2}{12}$
5. $3\frac{27}{57}$
6. $1\frac{38}{40}$
7. $8\frac{1}{8}$
8. $5\frac{50}{85}$
9. $5\frac{5}{6}$
10. $5\frac{0}{6}$



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

$4\frac{0}{6}$

$5\frac{50}{85}$

$4\frac{2}{12}$

$8\frac{1}{8}$

$3\frac{27}{57}$

$5\frac{0}{6}$

$5\frac{5}{6}$

$1\frac{38}{40}$

$7\frac{1}{2}$

$7\frac{0}{10}$

Answers

- 1) It takes $2\frac{1}{2}$ spoons of chocolate syrup to make $2\frac{1}{2}$ gallons of chocolate milk. How many spoons of syrup would it take to make 7 gallons of chocolate milk?
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7. _____
8. _____
9. _____
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Solve each problem. Answer as a mixed number (if possible).

Answers

- 1) A printer cartridge with $3\frac{4}{6}$ milliliters of ink will print off $\frac{4}{6}$ of a box of paper. How many milliliters of ink will it take to print an entire box?
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- 5) A machine made $2\frac{3}{6}$ pencils in $\frac{1}{4}$ of a minute. It made pencils at a rate of how many per minute?
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- 10) A cookie recipe called for $3\frac{1}{2}$ cups of sugar for every $\frac{1}{2}$ cup of flour. If you made a batch of cookies using 1 cup of flour, how many cups of sugar would you need?

1.	_____
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9.	_____
10.	_____



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

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Answers

1. $5\frac{12}{24}$
2. $4\frac{4}{6}$
3. $5\frac{16}{22}$
4. $10\frac{68}{70}$
5. $10\frac{0}{6}$
6. $5\frac{10}{55}$
7. $2\frac{12}{15}$
8. $6\frac{18}{25}$
9. $3\frac{3}{20}$
10. $7\frac{0}{2}$



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

$2\frac{12}{15}$

$10\frac{68}{70}$

$5\frac{10}{55}$

$4\frac{4}{6}$

$7\frac{0}{2}$

$10\frac{0}{6}$

$3\frac{3}{20}$

$5\frac{16}{22}$

$6\frac{18}{25}$

$5\frac{12}{24}$

Answers

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

Answers

- 1) It takes $2\frac{3}{5}$ spoons of chocolate syrup to make $2\frac{1}{3}$ gallons of chocolate milk. How many spoons of syrup would it take to make 8 gallons of chocolate milk?
- 2) A carpenter goes through $3\frac{1}{3}$ boxes of nails finishing $\frac{1}{2}$ of a roof. How much would he use finishing the entire roof?
- 3) It takes $3\frac{2}{4}$ yards of thread to make $\frac{2}{6}$ of a sock. How many yards of thread will it take to make an entire sock?
- 4) It takes $3\frac{1}{6}$ gallons of water to fill up $3\frac{1}{3}$ containers. How much water would it take to fill 2 containers?
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- 10) A bike tire was $\frac{4}{5}$ full. It took a small air compressor $2\frac{1}{4}$ seconds to fill it up. How long would it have taken to fill an empty tire?

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

- 1) It takes $2\frac{3}{5}$ spoons of chocolate syrup to make $2\frac{1}{3}$ gallons of chocolate milk. How many spoons of syrup would it take to make 8 gallons of chocolate milk?
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Answers

1. $8\frac{32}{35}$
2. $6\frac{2}{3}$
3. $10\frac{4}{8}$
4. $1\frac{54}{60}$
5. $6\frac{0}{15}$
6. $7\frac{11}{35}$
7. $4\frac{3}{8}$
8. $6\frac{6}{12}$
9. $8\frac{20}{36}$
10. $2\frac{13}{16}$



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

$8^{32/35}$

$8^{20/36}$

$1^{54/60}$

$4^{3/8}$

$6^{0/15}$

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$6^{2/3}$

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$6^{6/12}$

$7^{11/35}$

Answers

- 1) It takes $2\frac{3}{5}$ spoons of chocolate syrup to make $2\frac{1}{3}$ gallons of chocolate milk. How many spoons of syrup would it take to make 8 gallons of chocolate milk?
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- 6) A printer cartridge with $3\frac{2}{3}$ milliliters of ink will print off $3\frac{3}{6}$ reams of paper. How many milliliters of ink will it take to print 2 reams?
- 7) A container with $3\frac{2}{5}$ gallons of weed killer can spray $2\frac{2}{3}$ lawns. How many gallons would it take to spray 8 lawns?
- 8) A water faucet leaked $2\frac{1}{4}$ liters of water over the course of $2\frac{1}{2}$ hours. How many liters would it have leaked after 2 hours?
- 9) A machine made $3\frac{3}{6}$ pencils in $\frac{1}{2}$ of a minute. It made pencils at a rate of how many per minute?
- 10) It takes $3\frac{4}{6}$ spoons of chocolate syrup to make $2\frac{3}{6}$ gallons of chocolate milk. How many spoons of syrup would it take to make 2 gallons of chocolate milk?

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- 6) A printer cartridge with $3\frac{2}{3}$ milliliters of ink will print off $3\frac{3}{6}$ reams of paper. How many milliliters of ink will it take to print 2 reams?
- 7) A container with $3\frac{2}{5}$ gallons of weed killer can spray $2\frac{2}{3}$ lawns. How many gallons would it take to spray 8 lawns?
- 8) A water faucet leaked $2\frac{1}{4}$ liters of water over the course of $2\frac{1}{2}$ hours. How many liters would it have leaked after 2 hours?
- 9) A machine made $3\frac{3}{6}$ pencils in $\frac{1}{2}$ of a minute. It made pencils at a rate of how many per minute?
- 10) It takes $3\frac{4}{6}$ spoons of chocolate syrup to make $2\frac{3}{6}$ gallons of chocolate milk. How many spoons of syrup would it take to make 2 gallons of chocolate milk?

Answers

1. $4\frac{1}{16}$
2. $7\frac{4}{12}$
3. $4\frac{4}{18}$
4. $6\frac{3}{6}$
5. $7\frac{0}{4}$
6. $2\frac{6}{63}$
7. $10\frac{8}{40}$
8. $1\frac{16}{20}$
9. $7\frac{0}{6}$
10. $2\frac{84}{90}$



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

Answers

$2\frac{6}{63}$

$4\frac{4}{18}$

$1\frac{16}{20}$

$4\frac{1}{16}$

$7\frac{0}{6}$

$10\frac{8}{40}$

$7\frac{4}{12}$

$6\frac{3}{6}$

$7\frac{0}{4}$

$2\frac{84}{90}$

- 1) It takes $3\frac{1}{4}$ yards of thread to make $\frac{4}{5}$ of a sock. How many yards of thread will it take to make an entire sock?
- 2) A chef had to fill up $\frac{2}{4}$ of a container with mashed potatoes. He ended up using $3\frac{4}{6}$ pounds of mashed potatoes. How many pounds would he use if he had to fill up the entire container?
- 3) A carpenter goes through $3\frac{1}{6}$ boxes of nails finishing $\frac{3}{4}$ of a roof. How much would he use finishing the entire roof?
- 4) A bag with $2\frac{1}{6}$ 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?
- 5) A bike tire was $\frac{2}{4}$ 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?
- 6) A printer cartridge with $3\frac{2}{3}$ milliliters of ink will print off $3\frac{3}{6}$ reams of paper. How many milliliters of ink will it take to print 2 reams?
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3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____



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

Answers

- 1) A machine made $2\frac{2}{4}$ pencils in $2\frac{1}{4}$ minutes. How many pencils would the machine have made after 2 minutes?
- 2) A water faucet leaked $3\frac{2}{6}$ liters of water every $\frac{3}{5}$ of an hour. It leaked at a rate of how many liters per hour?
- 3) A container with $3\frac{1}{5}$ liters of weed killer can spray $\frac{1}{5}$ of a lawn. How many liters would it take to spray 1 entire lawn?
- 4) A carpenter goes through $3\frac{1}{2}$ boxes of nails finishing $2\frac{2}{5}$ rooves. How much would he use finishing 6 rooves?
- 5) It takes $3\frac{3}{5}$ kilometers of thread to make $3\frac{1}{3}$ boxes of shirts. How many kilometers of thread will it take to make 7 boxes?
- 6) A tire shop had to fill $3\frac{4}{5}$ tires with air. It took a small air compressor $3\frac{3}{5}$ seconds to fill them up. How long would it take to fill 7 tires?
- 7) It takes $3\frac{4}{5}$ spoons of chocolate syrup to make $\frac{5}{6}$ of a gallon of chocolate milk. How many spoons of syrup would it take to make 1 gallon of chocolate milk?
- 8) A printer cartridge with $3\frac{3}{4}$ milliliters of ink will print off $\frac{1}{3}$ of a box of paper. How many milliliters of ink will it take to print an entire box?
- 9) A bag with $2\frac{2}{3}$ ounces of peanuts can make $\frac{1}{2}$ of a jar of peanut butter. It can make one full jar with how many ounces of peanuts?
- 10) A cookie recipe called for $2\frac{1}{4}$ cups of sugar for every $2\frac{1}{2}$ cups of flour. If you made a batch of cookies using 8 cup of flour, how many cups of sugar would you need?

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Answers

1. $2\frac{8}{36}$
2. $5\frac{10}{18}$
3. $16\frac{0}{5}$
4. $8\frac{18}{24}$
5. $7\frac{28}{50}$
6. $6\frac{60}{95}$
7. $4\frac{14}{25}$
8. $11\frac{1}{4}$
9. $5\frac{1}{3}$
10. $7\frac{4}{20}$



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

$5^{10}/_{18}$

$8^{18}/_{24}$

$7^{28}/_{50}$

$6^{60}/_{95}$

$16^0/_5$

$5^1/_3$

$2^8/_36$

$11^1/_4$

$4^{14}/_{25}$

$7^4/_20$

Answers

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