Name: _____

Solve each problem.

1) A basket of lemons weighed $1/2$ of a pound and could make a cup of lemonaide that was $1/3$ full. How many baskets of lemons would you need to fill up the entire cup?

2) A carpenter used $1/2$ of a box of nails while working on a birdhouse and was able to finish $1/3$ of it. At this rate, how many boxes will he need to finish the entire birdhouse?

3) A bag of grass seeds weighed $1/2$ of a kilogram. That was enough to cover $1/3$ of a front lawn with seed. How many bags would it take to completely cover a lawn?

4) It takes a baker $1/2$ of an hour to make enough cookies to fill $1/3$ of large box. How long would it take him to fill the whole box?

5) A container of gasoline that held $1/2$ of a liter could fill up $1/3$ of a motorcycle gas tank. How many containers would you need to fill up the gas tank entirely?

6) Lana spent $1/2$ of an hour playing on her phone. That used up $1/3$ of her battery. How long would she have to play on her phone to use the entire battery?

7) A bag of chocolate mix that weighed $1/2$ of a kilogram could make enough brownies to feed $1/3$ of the students at school. How many bags would be needed to feed all of the students?

8) A water hose had filled up $1/3$ of a pool after $1/2$ of an hour. At this rate, how many hours would it take to fill the pool?

9) An old potato outputs $1/2$ of a volt of electricty, which is $1/3$ the amount of power needed for a small lightbulb. How many potatoes would you need to power the lightbulb?

10) While exercising John walked $1/2$ of a mile in $1/3$ of an hour. At this rate, how far will he have travelled after an hour?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Math

Answer Key

Solve each problem.

Answers

1) A basket of lemons weighed $^1/_2$ of a pound and could make a cup of lemonaide that was $^1/_3$ full. How many baskets of lemons would you need to fill up the entire cup?

1. ___**3 baskets**___

2) A carpenter used $^1/_2$ of a box of nails while working on a birdhouse and was able to finish $^1/_3$ of it. At this rate, how many boxes will he need to finish the entire birdhouse?

2. ___**1 $^1/_2$ boxes**___

3) A bag of grass seeds weighed $^1/_2$ of a kilogram. That was enough to cover $^1/_3$ of a front lawn with seed. How many bags would it take to completely cover a lawn?

3. ___**3 bags**___

4) It takes a baker $^1/_2$ of an hour to make enough cookies to fill $^1/_3$ of large box. How long would it take him to fill the whole box?

4. ___**1 $^1/_2$ hours**___

5) A container of gasoline that held $^1/_2$ of a liter could fill up $^1/_3$ of a motorcycle gas tank. How many containers would you need to fill up the gas tank entirely?

5. ___**3 containers**___

6. ___**1 $^1/_2$ hours**___

6) Lana spent $^1/_2$ of an hour playing on her phone. That used up $^1/_3$ of her battery. How long would she have to play on her phone to use the entire battery?

7. ___**3 bags**___

7) A bag of chocolate mix that weighed $^1/_2$ of a kilogram could make enough brownies to feed $^1/_3$ of the students at school. How many bags would be needed to feed all of the students?

8. ___**1 $^1/_2$ hours**___

8) A water hose had filled up $^1/_3$ of a pool after $^1/_2$ of an hour. At this rate, how many hours would it take to fill the pool?

9. ___**3 potatoes**___

10. ___**1 $^1/_2$ miles**___

9) An old potato outputs $^1/_2$ of a volt of electricty, which is $^1/_3$ the amount of power needed for a small lightbulb. How many potatoes would you need to power the lightbulb?

10) While exercising John walked $^1/_2$ of a mile in $^1/_3$ of an hour. At this rate, how far will he have travelled after an hour?