Name:

Solve each problem.

1) 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?

2) Faye 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?

3) Isabel was using a container to fill up a fishbowl. The container held $1/2$ of a gallon of water and filled $1/3$ of the fishbowl. At this rate, how many containers will it take to fill the fishbowl?

4) A snail going full speed was taking $1/2$ of a minute to move $1/3$ of a centimeter. At this rate, how long would it take the snail to travel a centimeter?

5) A small can of paint was $1/2$ of a liter. That was enough to fill $1/3$ of a paint sprayer. How many cans of paint would it take to completely fill the sprayer?

6) 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?

7) 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?

8) A dejuicer was able to squeeze a pint of juice from $1/2$ bag of oranges. This amount of juice filled up $1/3$ of a jug. At this rate, how many bags will it take to fill the entire jug?

9) A discount bottle of perfume was $1/2$ of a liter. That was enough to fill $1/3$ of a jug. How many bottles of perfume would you need to fill the entire jug?

10) A pencil making machine took $1/2$ of a second to make enough pencils to fill $1/3$ of a box. At this rate, how long would it take the machine to fill the entire box?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Solve each problem.

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1. ___**3 bags**___
2. ___**1 $^1/_2$ hours**___
3. ___**3 containers**___
4. ___**1 $^1/_2$ minutes**___
5. ___**3 cans**___
6. ___**1 $^1/_2$ hours**___
7. ___**3 containers**___
8. ___**1 $^1/_2$ bags**___
9. ___**3 bottles**___
10. ___**1 $^1/_2$ seconds**___