



Solve each problem.

**Answers**

- 1) A bag of chocolate mix that weighed  $\frac{1}{2}$  of a kilogram could make enough brownies to feed  $\frac{1}{3}$  of the students at school. How many bags would be needed to feed all of the students?
- 2) A basket of lemons weighed  $\frac{1}{2}$  of a pound and could make a cup of lemonade that was  $\frac{1}{3}$  full. How many baskets of lemons would you need to fill up the entire cup?
- 3) Nancy spent  $\frac{1}{2}$  of an hour playing on her phone. That used up  $\frac{1}{3}$  of her battery. How long would she have to play on her phone to use the entire battery?
- 4) Paige was using a container to fill up a fishbowl. The container held  $\frac{1}{2}$  of a gallon of water and filled  $\frac{1}{3}$  of the fishbowl. At this rate, how many containers will it take to fill the fishbowl?
- 5) A carpenter used  $\frac{1}{2}$  of a box of nails while working on a birdhouse and was able to finish  $\frac{1}{3}$  of it. At this rate, how many boxes will he need to finish the entire birdhouse?
- 6) A restaurant took  $\frac{1}{2}$  of an hour to use  $\frac{1}{3}$  of a package of napkins. At this rate, how many hours would it take to use the entire package?
- 7) A water hose had filled up  $\frac{1}{3}$  of a pool after  $\frac{1}{2}$  of an hour. At this rate, how many hours would it take to fill the pool?
- 8) A dejuicer was able to squeeze a pint of juice from  $\frac{1}{2}$  bag of oranges. This amount of juice filled up  $\frac{1}{3}$  of a jug. At this rate, how many bags will it take to fill the entire jug?
- 9) A snail going full speed was taking  $\frac{1}{2}$  of a minute to move  $\frac{1}{3}$  of a centimeter. At this rate, how long would it take the snail to travel a centimeter?
- 10) A bag of grass seeds weighed  $\frac{1}{2}$  of a kilogram. That was enough to cover  $\frac{1}{3}$  of a front lawn with seed. How many bags would it take to completely cover a lawn?

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_



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**Answers**

1. **3 bags**
2. **3 baskets**
3.  **$1\frac{1}{2}$  hours**
4. **3 containers**
5.  **$1\frac{1}{2}$  boxes**
6.  **$1\frac{1}{2}$  hours**
7.  **$1\frac{1}{2}$  hours**
8.  **$1\frac{1}{2}$  bags**
9.  **$1\frac{1}{2}$  minutes**
10. **3 bags**