

**Solve each problem.****Answers**

- 1) 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?
- 2) A chef used  $\frac{1}{2}$  of a bag of potatoes to make  $\frac{1}{3}$  of a gallon of stew. If he wanted to make a full gallon of stew how many bags of potatoes would he need?
- 3) A container of gasoline that held  $\frac{1}{2}$  of a liter could fill up  $\frac{1}{3}$  of a motorcycle gas tank. How many containers would you need to fill up the gas tank entirely?
- 4) A pencil making machine took  $\frac{1}{2}$  of a second to make enough pencils to fill  $\frac{1}{3}$  of a box. At this rate, how long would it take the machine to fill the entire box?
- 5) A small can of paint was  $\frac{1}{2}$  of a liter. That was enough to fill  $\frac{1}{3}$  of a paint sprayer. How many cans of paint would it take to completely fill the sprayer?
- 6) 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?
- 7) A discount bottle of perfume was  $\frac{1}{2}$  of a liter. That was enough to fill  $\frac{1}{3}$  of a jug. How many bottles of perfume would you need to fill the entire jug?
- 8) While exercising Will walked  $\frac{1}{2}$  of a mile in  $\frac{1}{3}$  of an hour. At this rate, how far will he have travelled after an hour?
- 9) 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?
- 10) It takes a baker  $\frac{1}{2}$  of an hour to make enough cookies to fill  $\frac{1}{3}$  of large box. How long would it take him to fill the whole box?

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



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**Answers**

1. **3 bags**
2.  **$1\frac{1}{2}$  bags**
3. **3 containers**
4.  **$1\frac{1}{2}$  seconds**
5. **3 cans**
6.  **$1\frac{1}{2}$  boxes**
7. **3 bottles**
8.  **$1\frac{1}{2}$  miles**
9. **3 bags**
10.  **$1\frac{1}{2}$  hours**