



Solve each problem.

Answers

- 1) 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?
- 2) 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?
- 3) 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?
- 4) 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?
- 5) While exercising George 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?
- 6) 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?
- 7) 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?
- 8) Emily 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?
- 9) 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?
- 10) A basket of lemons weighed $\frac{1}{2}$ of a pound and could make a cup of lemonsade that was $\frac{1}{3}$ full. How many baskets of lemons would you need to fill up the entire cup?

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____



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Answers

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