Solve each problem.

1) While exercising Adam 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?

1. _____

2. _____

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. _____

4. _____

3) Rachel 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?

5. _____

6. _____

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?

7. _____

8. _____

5) 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?

9. _____

10. _____

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) Lana 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?

8) 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?

9) 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?

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

Solve each problem.

1) While exercising Adam 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?

1. _____ **$1\frac{1}{2}$ miles**

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?

2. _____ **$1\frac{1}{2}$ bags**

3. _____ **$1\frac{1}{2}$ hours**

3) Rachel 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. _____ **3 containers**

5. _____ **$1\frac{1}{2}$ hours**

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?

6. _____ **$1\frac{1}{2}$ boxes**

7. _____ **3 containers**

5) 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. _____ **3 bottles**

9. _____ **$1\frac{1}{2}$ bags**

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?

10. _____ **3 baskets**

7) Lana 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?

8) 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?

9) 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?

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

1-10	90	80	70	60	50	40	30	20	10	0