

1. Find $335 \div 2$ by drawing a base ten model and by long division:

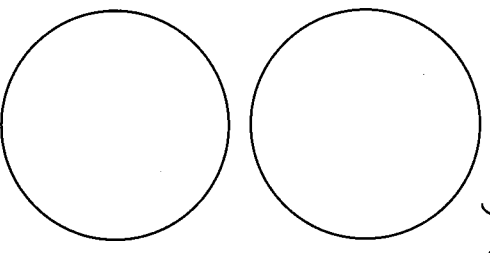
Step 1: Draw a base ten model of 335.

Draw your model here.

Step 2: Divide the hundreds squares into 2 equal groups.

2	3	3	5
-			

← number of hundreds in each group
 ← number of hundreds placed
 ← number of hundreds left over

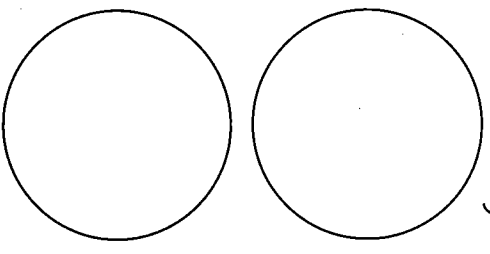


remaining hundreds, tens and ones

Step 3: Exchange the left over hundreds square for 10 tens.

2	3	3	5
-			

↓
 ← number of tens to be placed

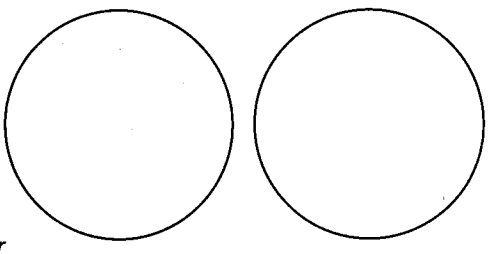


exchange a hundred for 10 tens

Step 4: Divide the tens blocks into 2 equal groups.

2	3	3	5
-			
-			

← number of tens in each group
 ↓
 ← number of tens placed
 ← number of tens left over

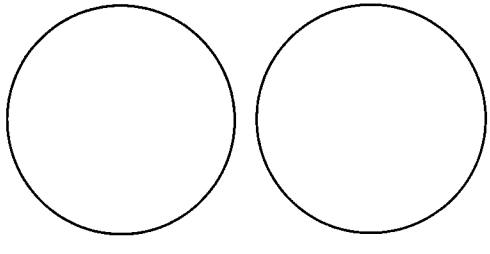


remaining tens and ones

Step 5: Exchange the left over tens blocks for 10 ones.

2	3	3	5
-			
-			

↓
 ↓
 ← number of ones to be placed



exchange a ten for 10 ones