

**9th February**



Corbettmαths

Mary wins £400.  
 She gives 50% to her mother.  
 Mary gives 20% to her sister.  
 She keeps the rest.  
  
 Work out how much each person receives.

Mother £.....

Sister £.....

Mary £.....

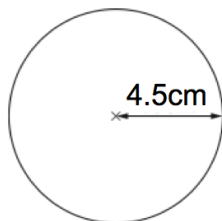
Solve  $8w + 20 = 4$

**Departure times**

	<b>12:30</b>	<b>13:00</b>	<b>14:00</b>	<b>16:00</b>
<b>Antrim</b>	<b>12:30</b>	<b>13:00</b>	<b>14:00</b>	<b>16:00</b>
<b>Randalstown</b>	<b>12:45</b>	<b>13:15</b>	<b>14:15</b>	<b>16:15</b>
<b>Ballymena</b>	<b>13:01</b>	<b>13:31</b>	<b>14:31</b>	<b>16:31</b>
<b>Ballycastle</b>	<b>13:39</b>	<b>14:09</b>	<b>15:09</b>	<b>17:09</b>

Maddie lives a 7 minute walk from Antrim bus station and her friend lives a 20 minute walk from Ballymena bus station.  
  
 Maddie wants to arrive at her friend's house before 3pm.

What time should she leave her house?  
  
 What time should she arrive at her friend's house?



Calculate the circumference of the circle.