

## All about angles: Using a protractor

1. About 4000 years ago the Babylonians invented a method to measure angles that is still used today.

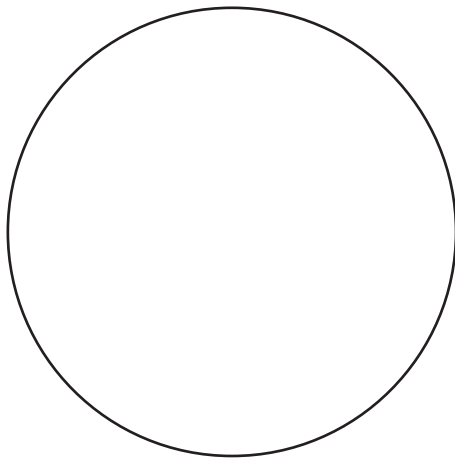
They believed that a year was 360 days.  
Were they right? Explain.



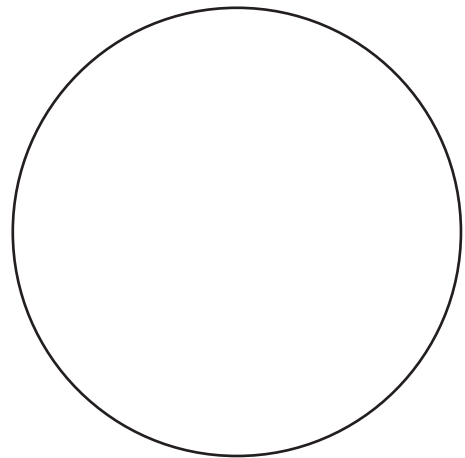
2. Measurement of time is very important for the planting of crops and other activities. 360 was possibly chosen because it is easy to divide into fractions.

Use a ruler and protractor to help you.

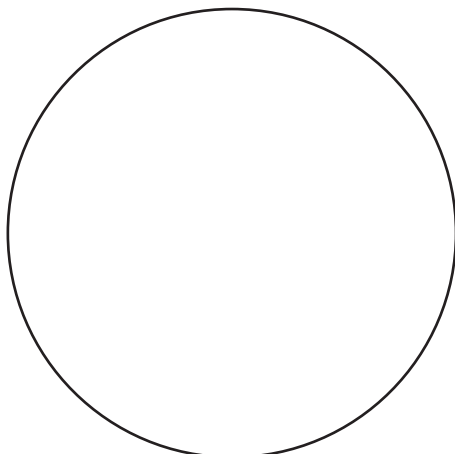
- a. Divide this circle into quarters



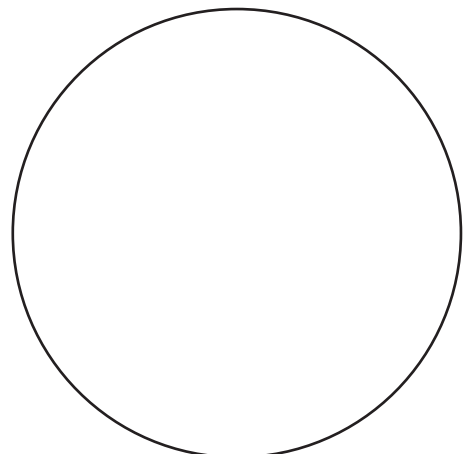
- b. Divide this circle into sixths



- c. Divide this circle into thirds

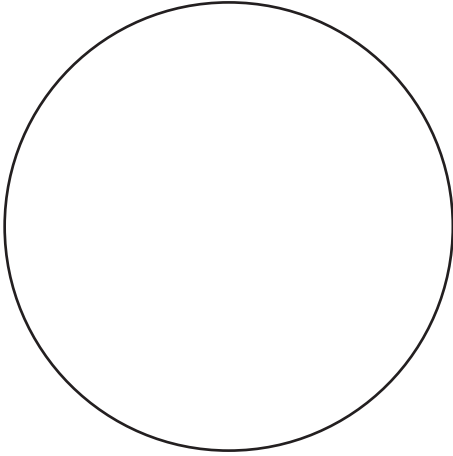


- d. Divide this circle into fifths



## All about angles: Using a protractor

- e. There are twelve months in a year. If the year is 360 days, how long is a month? How would you divide the circle into twelfths?



3. Mark as many fractions as you can on the circle below. Write the number of degrees anti-clockwise from zero for each fraction of a full turn.

