

Circles

1. Early mathematicians thought that π could be accurately represented as a fraction. (We now know that this is not possible.) For example, the following fraction correctly predicts π , *but only* to the first two decimal places:

$$\frac{22}{7} = 3.142857\dots$$

Use your calculator to help you find other fractions that correctly predict more decimal places.

2. Keep track of your activities and how much time you spend doing each one for one week. Organize your activities into 7 to 10 general categories. Present your findings in both a table and a circle graph.
3. Follow the link with these project ideas on the *MathLinks 7* Online Learning Centre to the [Toronto Blue Jays site](#). Locate information on Hitting Stats. Select a player with interesting statistics. Of the times at bat, determine how many resulted in a strikeout, a one-base hit, a two-base hit, a three-base hit and a home run. Report your results in a table and in a circle graph.

For explanations of the terms, click on Stats Abbreviations on the lower left side of the page of the Blue Jays site.