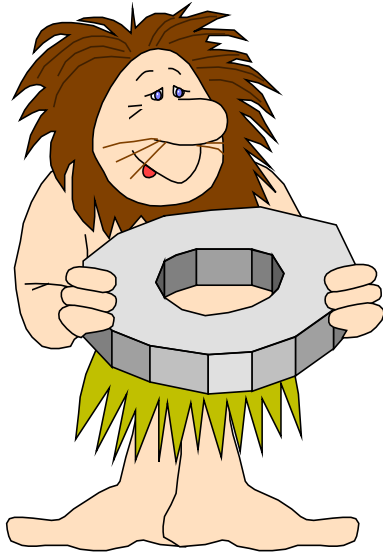


PERIMETER OF A CIRCLE

INVESTIGATION ROUND OBJECTS



REQUIREMENTS

ruler, tape measure, a variety of round objects

INSTRUCTIONS

- Use the ruler to measure the diameter of each round object.
- Use the tape measure to measure the circumference (perimeter) of each round object.
- For each object, divide the circumference by the diameter.
- Complete the table.
- Is there a pattern? Explain.
- What are the sources of error in your measurements? How can these errors be reduced?

NAME OF ROUND OBJECT	DIAMETER IN CENTIMETRES	CIRCUMFERENCE IN CENTIMETRES	CIRCUMFERENCE ÷ DIAMETER