**IB SL Physics: Error Practice Problem**



Based on the centimeter ruler and the two dark lines, find:

1. Start Length: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ +- \_\_\_\_\_\_\_\_\_\_\_ cm
2. End Length: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ +- \_\_\_\_\_\_\_\_\_\_\_ cm
3. Distance: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ +- \_\_\_\_\_\_\_\_\_\_\_ cm

If the length makes a square find its perimeter and area:

Answers:

1. 4.0 +- 0.5 cm
2. 8.0 +- 0.5 cm
3. 4.0 +- 1.0 cm
4. Perimeter: 16.0 +- 4.0 cm
5. Area: 16 +- 8 cm squared