1. Draw a decomino ("dec" means 10) that has a perimeter somewhere between the smallest and largest possible, explaining how you know your perimeter is neither smallest nor largest.

2. A circle's circumference is 980.7 ft. Find its radius to the nearest tenth; show work.

3. The track used by the race car drivers at Peak Park has two straightaways that are 1.2 miles long each while the semicircular curves on either end have a diameter of 0.2 miles. What is the length of one lap of the track, to the nearest tenth of a mile? Show work.

4. Find the total perimeter of a circular sector that opens 72° and has a radius of 18 cm. Round to the nearest tenth; show work.

5. If the radius of a circle decreases by subtracting 100, what is the amount and nature of the change in circumference? Answer in a sentence, and justify your claim by showing two comparisons.