**Test Answers**

1. **Answer: diameter = 24 so radius = 12**

**Area= (12) squared x pi = 144pi**

**= 144 x 3.1415 = 452.376**

1. **Answer: Area of sector = 120/360 (7) squared x pi**

**= 1/3 (49) pi**

**= 49/3 x 3.1415 = 153.93/3 = 51.31**