

## Circles Final

All answers given to 1 decimal place.

- 1) a) 31.4 cm b) 44.0 cm c) 18.8 cm d) 125.7 cm
- 2) a) 7.1 cm<sup>2</sup> b) 78.5 cm<sup>2</sup> c) 0.8 cm<sup>2</sup> d) 314.2 cm<sup>2</sup>
- 3) a) 0.8 cm<sup>2</sup>
- 4) a) 157.1 cm<sup>2</sup> b) 88.4 cm<sup>2</sup> c) 0.4 cm<sup>2</sup> d) 330.3 cm<sup>2</sup>
- 5) a) c = 15.1 cm A = 18.1 cm<sup>2</sup>  
b) c = 201.1 mm A = 3217.0 mm<sup>2</sup>  
c) c = 60.0 cm A = 283.5 cm<sup>2</sup>  
d) c = 9.4 cm A = 7.1 cm<sup>2</sup>  
e) c = 7.5 m A = 4.5 m<sup>2</sup>