

Poles and Spaces Ex. 1

1) 20 poles, each 5 metres from the next, are in a straight line. Calculate the distance from the

- a) 1st to 20th pole; _____ metres
- b) 1st to 15th pole; _____ metres
- c) 1st to 11th pole; _____ metres
- d) 4th to 20th pole; _____ metres
- e) 6th to 17th pole; _____ metres
- f) 11th to 15th pole; _____ metres

2) 12 poles, each 10 metres from the next, are arranged to form a circle. What is the distance from

- a) the 1st to the 9th pole; _____ metres
- b) the 1st to the 11th pole; _____ metres
- c) the 1st to the 7th pole; _____ metres
- d) the 3rd to the 10th pole; _____ metres
- e) the 2nd to the 12th pole; _____ metres
- f) the 4th to the 8th pole? _____ metres
- g) What is the circumference (the distance all around) of the circle? ____ m

3) There are 22 palm trees, each 4 metres from the next, forming a circle. What is the circumference of the circle? _____ metres

