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