E-Classroom	**NAME: ANSWERS**					
	Gr 9		**Date:**		**Time**	1½ hrs
CAPS Reference	**4-1 Area and Perimeter of 2D shapes**					
Topic	**4-1-8** Using Area and Perimeter					

3.1 2 051 cm^2

3.2 P = 144 m A = 72 m^2

3.3 r = 11,66 cm A = 426,90 cm^2
P of ⊙ = 73,22 P of Δ = 55,32 cm.
The circle has a longer perimeter (circumference)

3.4 A of 2 circles = 176,66 × 2 = 353,25 mm^2
Area of 4 triangles = 225 mm^2
Total area = 578,25 mm^2

3.5.1 10,4 m^2
3.5.2 4 litres will cost R212.00
3.5.3 2 litres.

3.6 Area of Duncan's kite = 864 cm^2 Area of Marion's kite = 1728 cm^2
Marion's kite is twice the area but only one diagonal is twice as long.

3.7.1 8 m
3.7.2 Area of pond A = 64 m^2
Area of pond B = 32 m^2
Area of pond C = 16 m^2
3.7.3 Side of pond B = 5,7 m
Side of pond C = 4
3.7.4 Perimeter of all 3 ponds = 70,8 m
Cost = R3 327,6

