

Name \_\_\_\_\_

Date \_\_\_\_\_

### AREA AND PERIMETER - Using Algebra 3

1) A rectangle is 3 times as long as it is wide. Its perimeter is 96 cm.  
Calculate its

a) width \_\_\_\_\_ cm    b) length \_\_\_\_\_ cm

c) area \_\_\_\_\_ square cm

2) A rectangle is 4 times as long as it is wide. Its perimeter is 160 cm.  
Calculate its

a) width \_\_\_\_\_ cm    b) length \_\_\_\_\_ cm

c) area \_\_\_\_\_ square cm

3) The width of a table is one fourth its length. If the perimeter is 1800cm, calculate its

a) Width \_\_\_\_\_ cm    b) length \_\_\_\_\_ cm

c) area \_\_\_\_\_ square cm

4) The width of a room is one fifth its length. Its perimeter is 120 metres. Calculate its

a) Width \_\_\_\_\_ m    b) length \_\_\_\_\_ m

c) area \_\_\_\_\_ square metres

5) The distance all around our rectangular games field is 720 metres. The field is half as wide as it is long. Calculate its

a) Width \_\_\_\_\_ m    b) length \_\_\_\_\_ m

c) area \_\_\_\_\_ square metres

