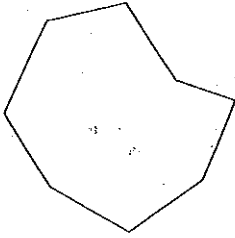


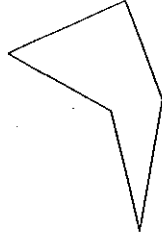
Assignment

State if each polygon is concave or convex.

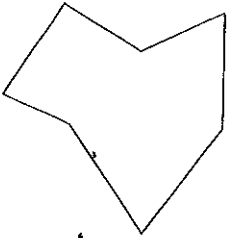
1)



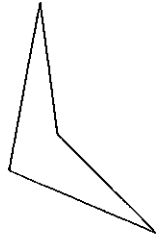
2)



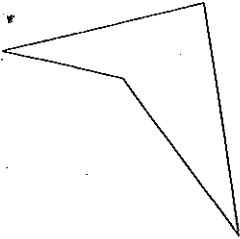
3)



4)

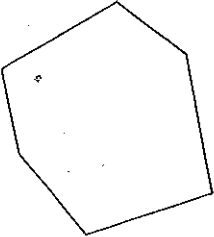


5)

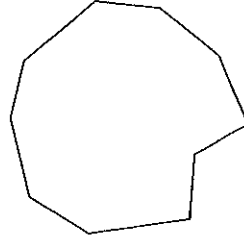


Write the name of each polygon.

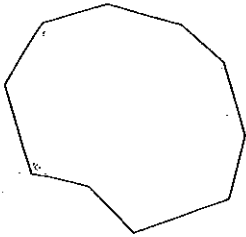
6)



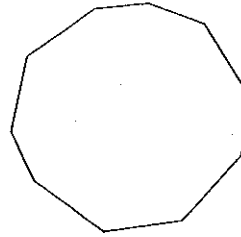
7)



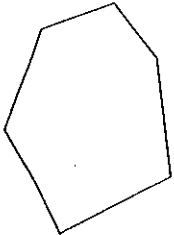
8)



9)

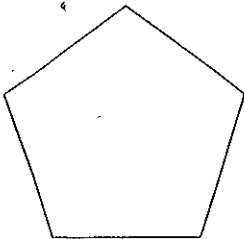


10)

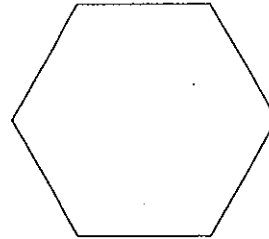


State if each polygon is regular or not.

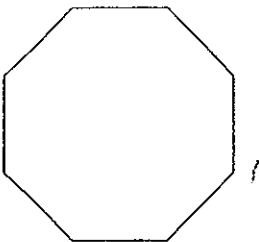
11)



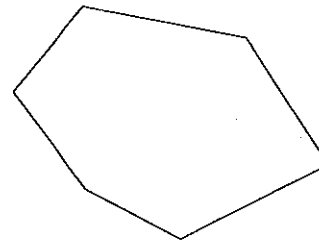
12)



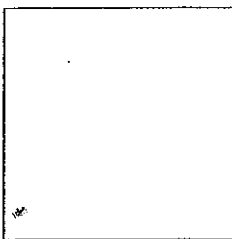
13)



14)

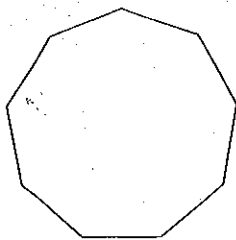


15)

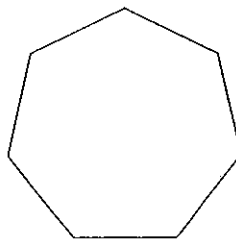


Find the interior angle sum for each polygon. Round your answer to the nearest tenth if necessary.

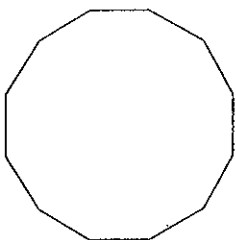
16)



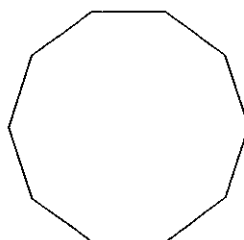
17)



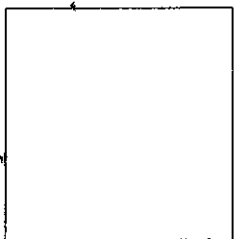
18)



19)

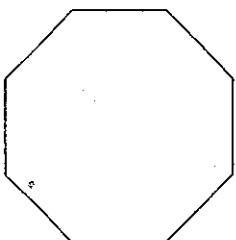


20)

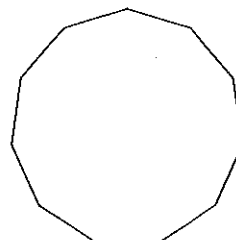


Find the measure of one interior angle in each polygon. Round your answer to the nearest tenth if necessary.

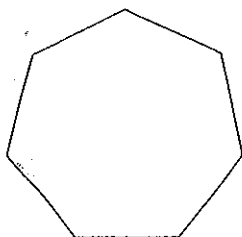
21)



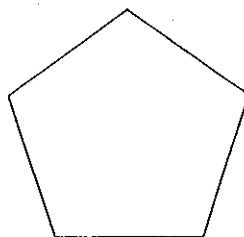
22)



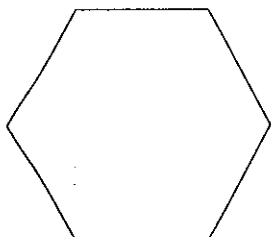
23)



24)

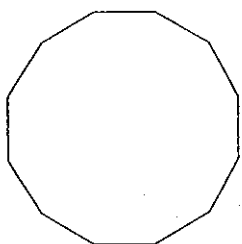


25)

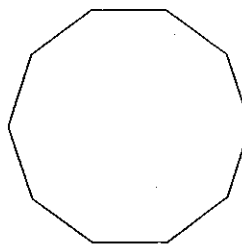


Find the measure of one exterior angle in each polygon. Round your answer to the nearest tenth if necessary.

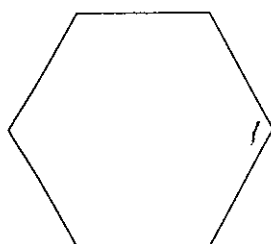
26)



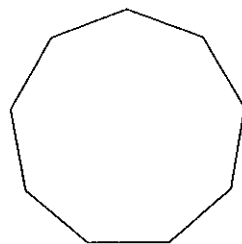
27)



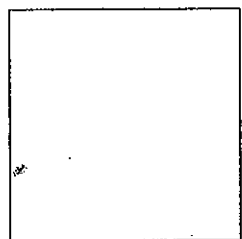
28)



29)



30)



Find the interior angle sum for each polygon. Round your answer to the nearest tenth if necessary.

31) regular 21-gon

32) regular octagon

33) regular 15-gon

34) regular dodecagon

35) regular 18-gon

Find the measure of one exterior angle in each polygon. Round your answer to the nearest tenth if necessary.

36) regular dodecagon

37) regular 25-gon

38) regular nonagon

39) regular hexagon

40) regular 16-gon

Find the measure of one interior angle in each polygon. Round your answer to the nearest tenth if necessary.

41) regular decagon

42) regular 22-gon

43) regular 25-gon

44) regular 19-gon

45) regular heptagon