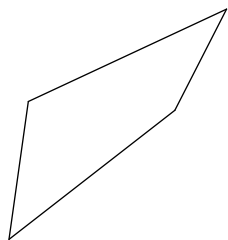


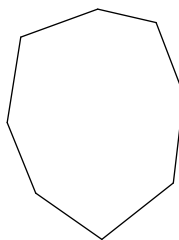
6.1 Practice

Write the name of each polygon.

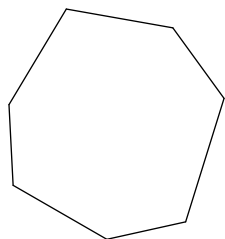
1)



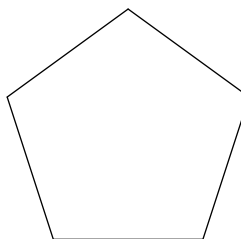
2)



3)

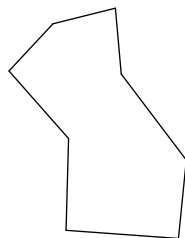


4)

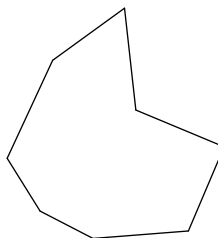


State if each polygon is concave or convex.

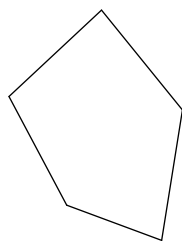
5)



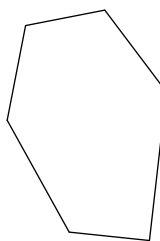
6)



7)

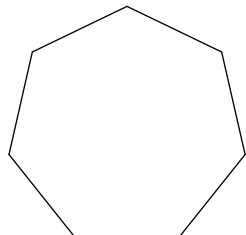


8)

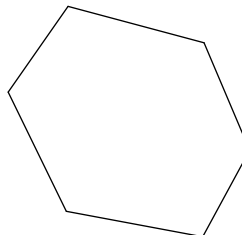


State if each polygon is regular or not.

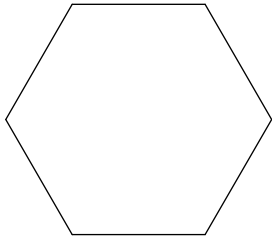
9)



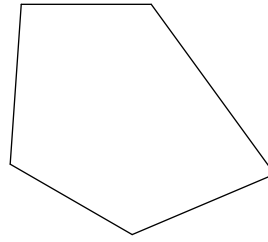
10)



11)



12)



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

13) regular heptagon

14) regular 17-gon

15) regular nonagon

16) regular decagon

17) regular 12-gon

18) regular pentagon

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

19) regular 23-gon

20) regular 20-gon

21) regular octagon

22) regular quadrilateral

23) regular 21-gon

24) regular 18-gon

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

25) regular decagon

26) regular 17-gon

27) regular 18-gon

28) regular 15-gon

29) regular heptagon

30) regular pentagon