

Angles in Polygons *fluency*



Find the sum of the interior angles

1 pentagon

2 hexagon

3 octagon

4 decagon

5 12 sided polygon

6 20 sided polygon



Find each exterior angle of the regular polygon

7 hexagon

8 quadrilateral

9 decagon

10 nonagon

11 12 sided polygon

12 15 sided polygon



Find each interior angle of the regular polygon

13 pentagon

14 octagon

15 triangle

16 nonagon

17 18 sided polygon

18 24 sided polygon



Each exterior angle of a regular polygon is given. How many sides does it have?

19 40°

20 30°

21 72°

22 24°

23 20°

24 8°



Each interior angle of a regular polygon is given. How many sides does it have?

25 150°

26 140°

27 108°

28 156°

29 162°

30 165°