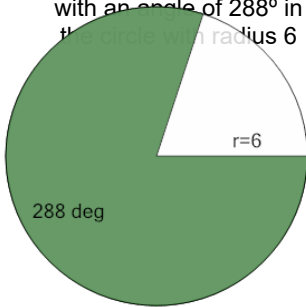# Area of a Circle Sector From Angle to Area (Closest Integer)

1
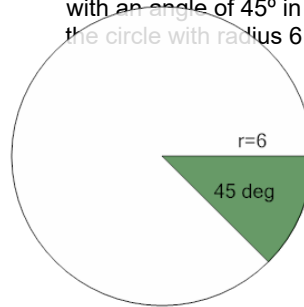Find the area (to the closest integer) of the green shaded sector with an angle of 288º in the circle with radius 6

r=6
288 deg

A	B	C
135	99	45

D	E	F
171	90	18

2
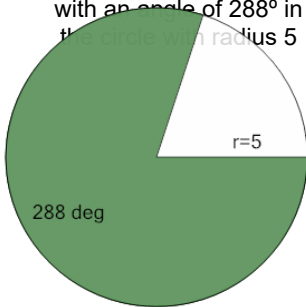Find the area (to the closest integer) of the green shaded sector with an angle of 45º in the circle with radius 6

r=6
45 deg

A	B	C
14	8	13

D	E	F
18	19	20

3
Find the area (to the closest integer) of the green shaded sector with an angle of 288º in the circle with radius 5

r=5
288 deg

A	B	C
45	3	81

D	E	F
39	63	15

4
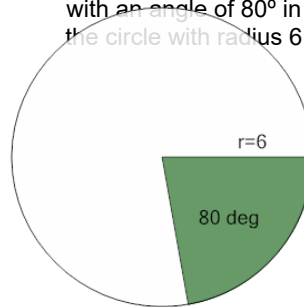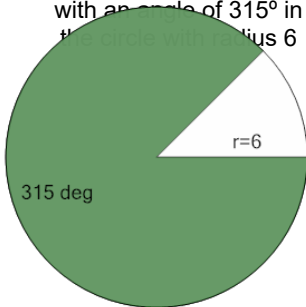Find the area (to the closest integer) of the green shaded sector with an angle of 80º in the circle with radius 6

r=6
80 deg

A	B	C
25	11	35

D	E	F
39	7	19

5
Find the area (to the closest integer) of the green shaded sector with an angle of 315º in the circle with radius 6

r=6
315 deg

A	B	C
99	9	54

D	E	F
135	27	81

6
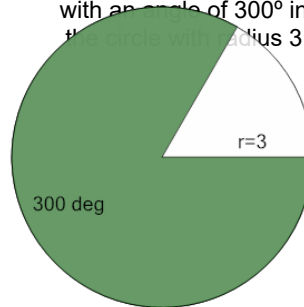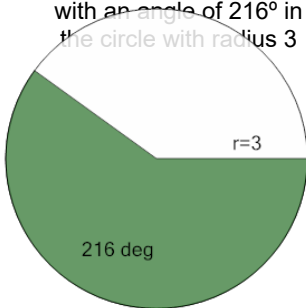Find the area (to the closest integer) of the green shaded sector with an angle of 300º in the circle with radius 3

r=3
300 deg

A	B	C
6	36	24

D	E	F
12	14	28

7
Find the area (to the closest integer) of the green shaded sector with an angle of 216º in the circle with radius 3

r=3
216 deg

A	B	C
7	12	17

D	E	F
26	16	22

8
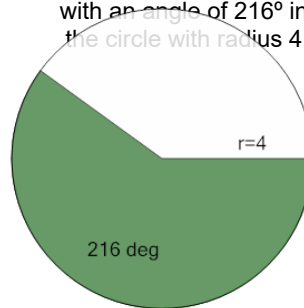Find the area (to the closest integer) of the green shaded sector with an angle of 216º in the circle with radius 4

r=4
216 deg

A	B	C
36	3	30

D	E	F
39	15	6