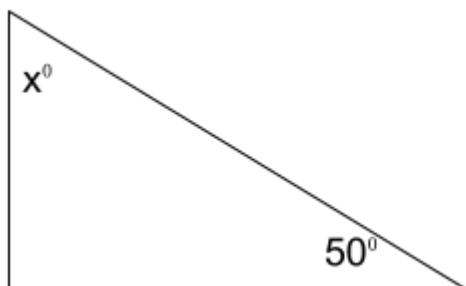


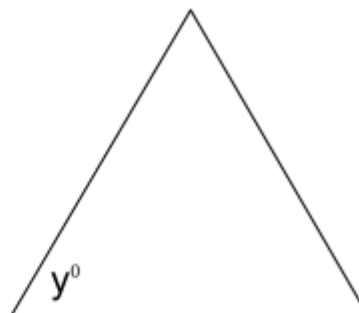
Q3 (Angles in Triangle) Day 98

Name: _____

1. Below are two triangles. A **right-angled** triangle (A), **equilateral** triangle (B).



(A)

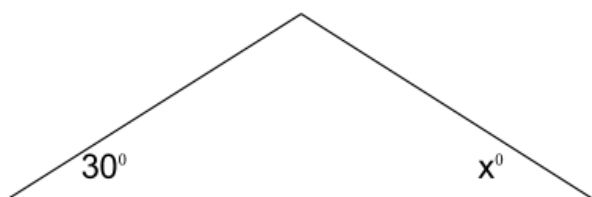


(B)

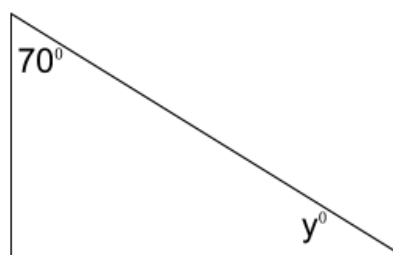
How much **smaller** is angle **x** than angle **y**? Write your answer in the space below.

_____ $^\circ$

2. Below are two triangles. An **isosceles** triangle (A), **right-angled** triangle (B).



(A)

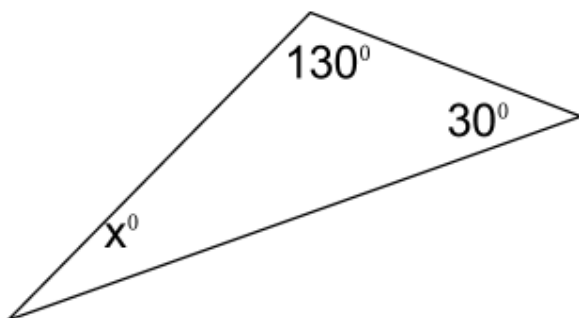


(B)

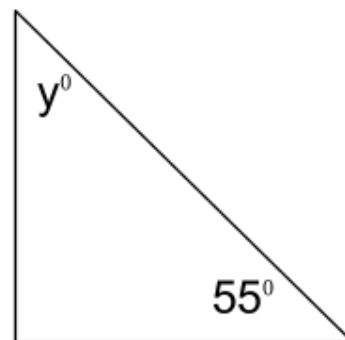
How much **bigger** is angle **x** than angle **y**? Write your answer in the space below.

_____ $^\circ$

3. Below are two triangles. A **scalene** triangle (A), **right-angled** triangle (B).



(A)

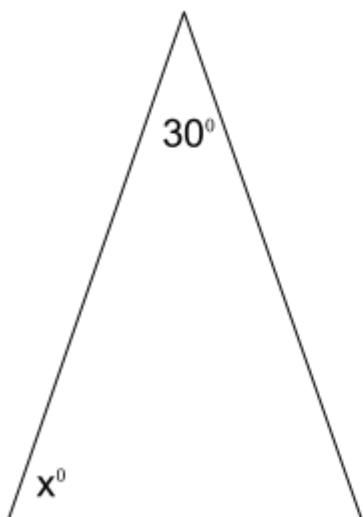


(B)

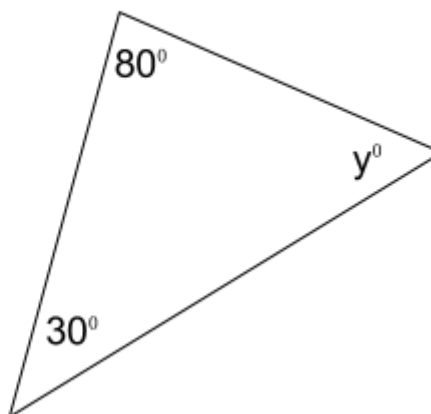
How much **smaller** is angle **x** than angle **y**? Write your answer in the space below.

_____°

4. Below are two triangles. An **isosceles** triangle (A), **scalene** triangle (B).



(A)

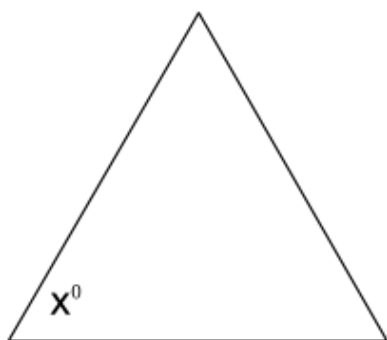


(B)

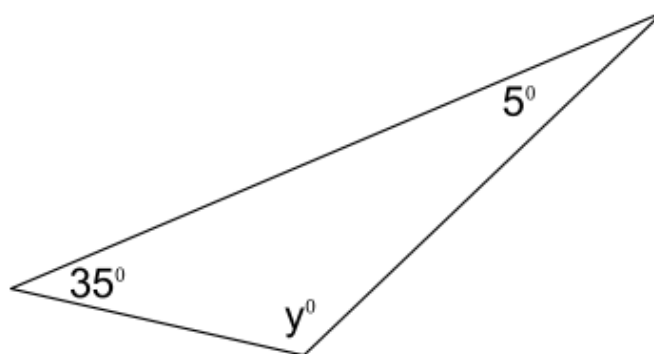
How much **smaller** is angle **x** than angle **y**? Write your answer in the space below.

_____°

5. Below are two triangles. An **equilateral** triangle (A), **scalene** triangle (B).



(A)

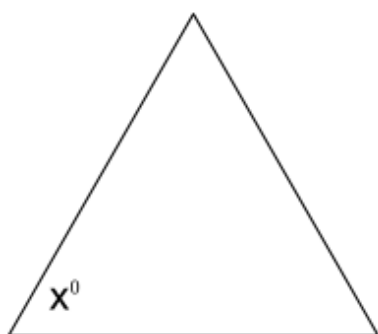


(B)

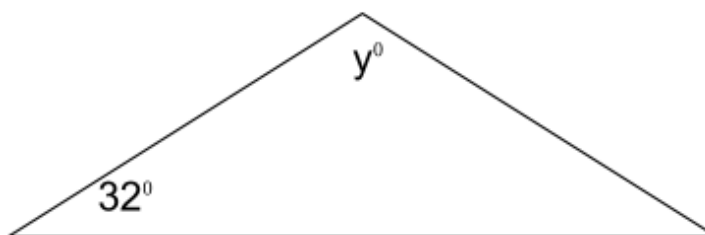
How much **smaller** is angle **x** than angle **y**? Write your answer in the space below.

_____ $^\circ$

6. Below are two triangles. An **equilateral** triangle (A), **isosceles** triangle (B).



(A)

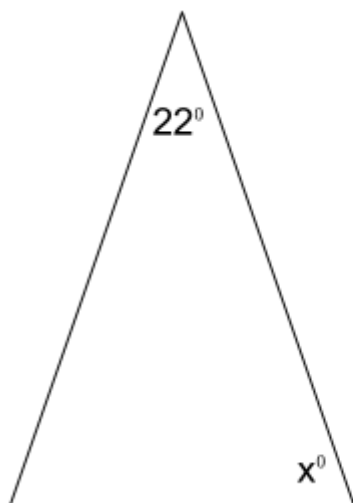


(B)

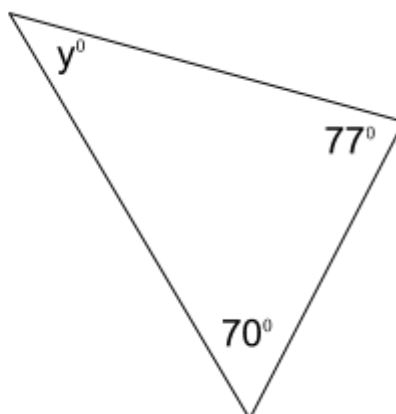
How much **smaller** is angle **x** than angle **y**? Write your answer in the space below.

_____ $^\circ$

7. Below are two triangles. An **isosceles** triangle (A), **scalene** triangle (B).



(A)

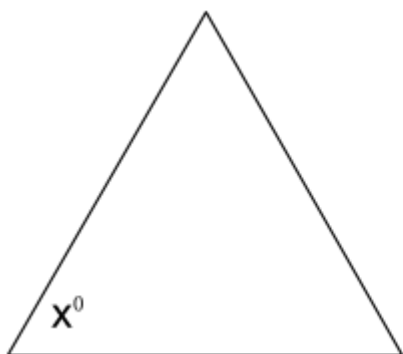


(B)

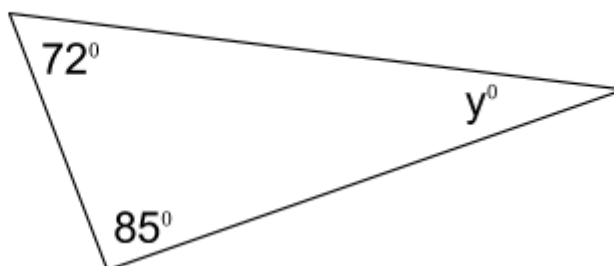
How much **bigger** is angle **x** than angle **y**? Write your answer in the space below.

_____ $^\circ$

8. Below are two triangles. An **equilateral** triangle (A), **scalene** triangle (B).



(A)

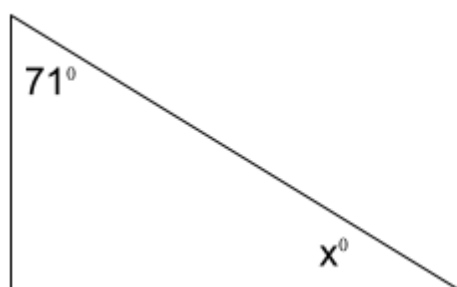


(B)

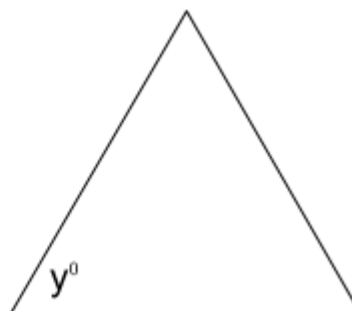
How much **bigger** is angle **x** than angle **y**? Write your answer in the space below.

_____ $^\circ$

9. Below are two triangles. A **right-angled** triangle (A), **equilateral** triangle (B).



(A)

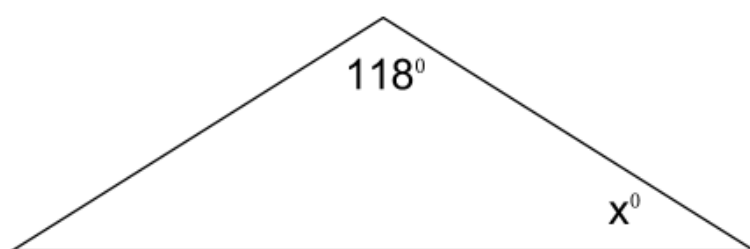


(B)

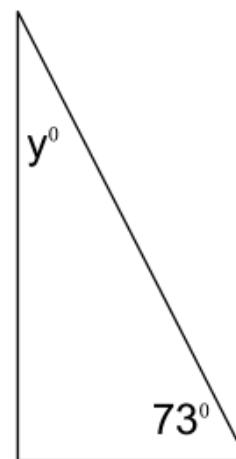
How much **smaller** is angle **x** than angle **y**? Write your answer in the space below.

_____ $^\circ$

10. Below are two triangles. An **isosceles** triangle (A), **right-angled** triangle (B).



(A)

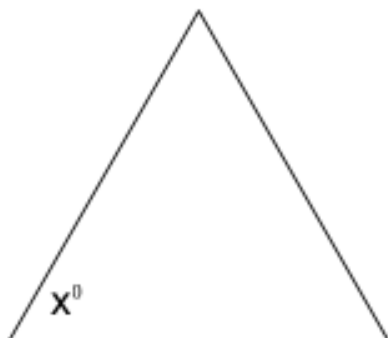


(B)

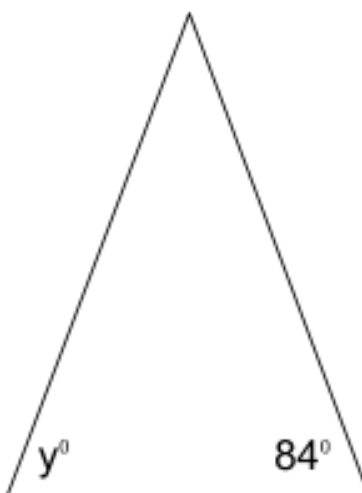
How much **bigger** is angle **x** than angle **y**? Write your answer in the space below.

_____ $^\circ$

11. Below are two triangles. An **equilateral** triangle (A), **isosceles** triangle (B).



(A)

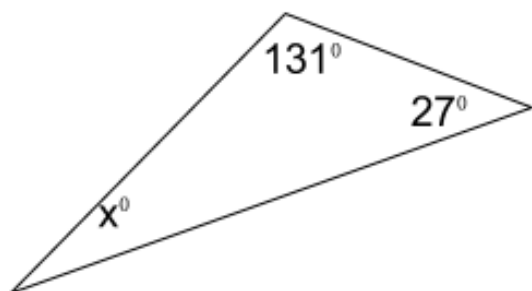


(B)

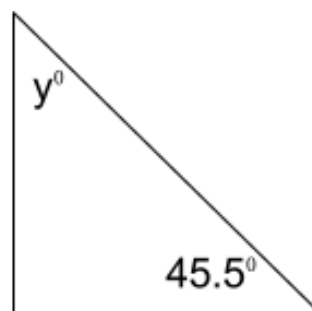
How much **smaller** is angle **x** than angle **y**? Write your answer in the space below.

_____ $^\circ$

12. Below are two triangles. A **scalene** triangle (A), **right-angled** triangle (B).



(A)



(B)

How much **smaller** is angle **x** than angle **y**? Write your answer in the space below.

_____ $^\circ$

Answers

1. 20
2. 10
3. 15
4. 5
5. 80
6. 56
7. 46
8. 37
9. 41
10. 14
11. 24
12. 22.5