## Quiz 3 5/31/2024

1. A triangle ABC has side length BC = 5. The angle at B is  $30^{\circ}$  and the angle at C is  $45^{\circ}$ . Find the side length AB, AC, and the angle at A (in degree).

2. A triangle ABC has side lengths AB = 3 and AC = 4. The angle at A is  $60^{\circ}$ . Find the length of BC.