

Pattern 0: Right Triangle Angle Relationships

Question 1: If angle A is 51.88° and angle B is 15.39° , what is the measure of angle C?



Answer: 113.73°

Question 2: If angle B is 63.21° and angle C is 90° , what is the measure of angle A?



Answer: 26.91°

Question 3: If angle A is 77.39° and angle C is 90° , what is the measure of angle B?



Answer: 11.50°

Question 4: If angle A is 38.19° and angle B is 45.32° , what is the measure of angle C?



Answer: 116.49°

Question 5: If angle B is 51.85° and angle C is 90° , what is the measure of angle A?



Answer: 19.01°

Question 6: If angle A is 62.39° and angle B is 27.61° , what is the measure of angle C?



Answer: 90.00°

Question 7: If angle A is 85.61° and angle B is 4.39° , what is the measure of angle C?



Answer: 89.99°

Question 8: If angle B is 70.72° and angle C is 90° , what is the measure of angle A?



Answer: 19.56°

Question 9: If angle A is 49.91° and angle B is 40.09° , what is the measure of angle C?



Answer: 90.00°

Question 10: If angle B is 58.53° and angle C is 90° , what is the measure of angle A?



Answer: 31.00°