Name: **Grade:** **Score:**

Worksheet #1

MeandMath

COMPLEMENTARY ANGLES

Learning goal: Students will be able to understand and solve mathematical problems involving complementary angles.

QUESTION	ANSWER
What is the complement of 25°?	
What is the complement of 42°?	
If two angles are complementary and one is 30°, find the other.	
Two complementary angles differ by 10°. What are the angles?	
The complement of an angle is 5° more than the angle. Find the angle.	
One angle is twice its complement. Find the angle.	
The complement of an angle is 3 times the angle. Find the angle.	
Find two complementary angles whose difference is 34°.	
An angle's complement is 6° less than twice the angle. Find the angle.	
An angle is 20° more than its complement. Find the angle.	

Name: **Grade:** **Score:**

Worksheet #1(Answers)

MeandMath

COMPLEMENTARY ANGLES

Learning goal: Students will be able to understand and solve mathematical problems involving complementary angles.

QUESTION	ANSWER
What is the complement of 25°?	65°
What is the complement of 42°?	48°
If two angles are complementary and one is 30°, find the other.	60°
Two complementary angles differ by 10°. What are the angles?	40° and 50°
The complement of an angle is 5° more than the angle. Find the angle.	42.5°
One angle is twice its complement. Find the angle.	60°
The complement of an angle is 3 times the angle. Find the angle.	22.5°
Find two complementary angles whose difference is 34°.	28° and 62°
An angle's complement is 6° less than twice the angle. Find the angle.	32°
An angle is 20° more than its complement. Find the angle.	55°