Worksheet #2

SUPPLEMENTARY ANGLES

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

QUESTION	ANSWER
What is the supplement of 75°?	
What is the supplement of 120°?	
If two angles are supplementary and one is 85°, find the other.	
Two supplementary angles differ by 20°. What are the angles?	
The supplement of an angle is 15° more than the angle. Find the angle.	
One angle is three times its supplement. Find the angle.	
The supplement of an angle is 4 times the angle. Find the angle.	
Find two supplementary angles whose difference is 60°.	
An angle's supplement is 12° less than twice the angle. Find the angle.	
An angle is 30° more than its supplement. Find the angle.	

©meandmath.com

Worksheet #2(Answers)

SUPPLEMENTARY ANGLES

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

QUESTION	ANSWER
What is the supplement of 75°?	105°
What is the supplement of 120°?	60°
If two angles are supplementary and one is 85°, find the other.	95°
Two supplementary angles differ by 20°. What are the angles?	80° and 100°
The supplement of an angle is 15° more than the angle. Find the angle.	82.5°
One angle is three times its supplement. Find the angle.	135°
The supplement of an angle is 4 times the angle. Find the angle.	36°
Find two supplementary angles whose difference is 60°.	60° and 120°
An angle's supplement is 12° less than twice the angle. Find the angle.	64°
An angle is 30° more than its supplement. Find the angle.	105°

©meandmath.com