

Content CW_Grade-5_Geometry

Complementary & Supplementary Angles

1.

Write whether the angle pairs are *complementary angles*, *supplementary angles*, or *neither*.

- | | | | |
|--------------------------|---------------------------|---------------------------|---------------------------|
| 9. $60^\circ, 30^\circ$ | 10. $130^\circ, 50^\circ$ | 11. $113^\circ, 67^\circ$ | 12. $110^\circ, 90^\circ$ |
| 13. $90^\circ, 90^\circ$ | 14. $179^\circ, 1^\circ$ | 15. $45^\circ, 45^\circ$ | 16. $97^\circ, 93^\circ$ |

2.

State whether the given pairs are complementary or not.

- | | |
|-------------------------|-------------------------|
| 1) $36^\circ, 54^\circ$ | 2) $46^\circ, 45^\circ$ |
| 3) $79^\circ, 17^\circ$ | 4) $23^\circ, 67^\circ$ |
| 5) $5^\circ, 85^\circ$ | 6) $52^\circ, 30^\circ$ |

3.

Find the supplement of each angle.

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|---|---|
| 1) 108°
Supplement of $108^\circ =$ | 2) 36°
Supplement of $36^\circ =$ |
| 3) 5°
Supplement of $5^\circ =$ | 4) 161°
Supplement of $161^\circ =$ |
| 5) 90°
Supplement of $90^\circ =$ | 6) 57°
Supplement of $57^\circ =$ |