

10.

These two angles are:

Supplementary _____
 Complementary _____
 Angle $x =$ _____

11.

These two angles are:

Supplementary _____
 Complementary _____
 Angle $x =$ _____

12.

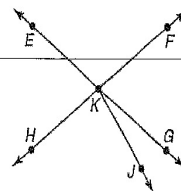
These two angles are:

Supplementary _____
 Complementary _____
 Angle $x =$ _____

Geometry Worksheet

For #1-6, use the figure at the right.

1. Name two acute vertical angles.
2. Name two obtuse vertical angles.
3. Name a linear pair.
4. Name two acute adjacent angles.
5. Name an angle complementary to $\angle FKJ$.
6. Name an angle supplementary to $\angle FKJ$.



Find the measure of each numbered angle.

- | | | |
|--|--|--|
| 7. $m\angle 2 = 57$ | 8. $m\angle 3 = 88$ | 9. $m\angle 5 = 22$ |
| | | |
| 10. $m\angle 1 = 65$ | 11. $m\angle 2 = 67$ | 12. $m\angle 3 = 38$ |
| | | |
| 13. $m\angle 13 = 4x + 11,$
$m\angle 14 = 3x + 1$ | 14. $m\angle 2 = 4x - 26,$
$m\angle 3 = 3x + 4$ | 15. $m\angle 1 = x + 10$
$m\angle 2 = 3x + 18$ |
| | | |
| 16. $m\angle 6 = 7x - 24$
$m\angle 7 = 5x + 14$ | 17. $m\angle 4 = 2x - 5$
$m\angle 5 = 4x - 13$ | 18. $\angle 7$ and $\angle 8$ are
complementary. $\angle 5 \cong \angle 8$
and $m\angle 6 = 29.$ |
| | | |