

7.G.5: Worksheet

1. Write an equation for an angle x that's supplementary to a 47° angle. What is x ?
2. Write an equation for two angles, x and y , that are complementary.
3. A pair of adjacent angles form a 126° angle together. If one of them is 66° , set up and solve an equation to find the other.
6. Write and solve an equation to find angle x .
7. What is the measure of angle y ?
8. What is the measure of angle z ?

Use the following figure to answer questions 9-10.

4. What angle is complementary to 30.5° ?
5. What angle is supplementary to 174.2° ?

Use the following figure to answer questions 6-8.

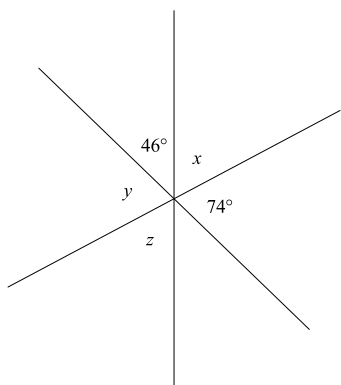


Figure 1.

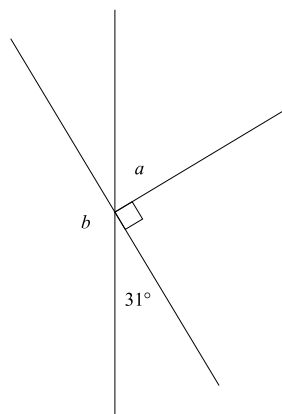


Figure 2.

9. What's the measure of angle a ?
10. What's the measure of angle b ?