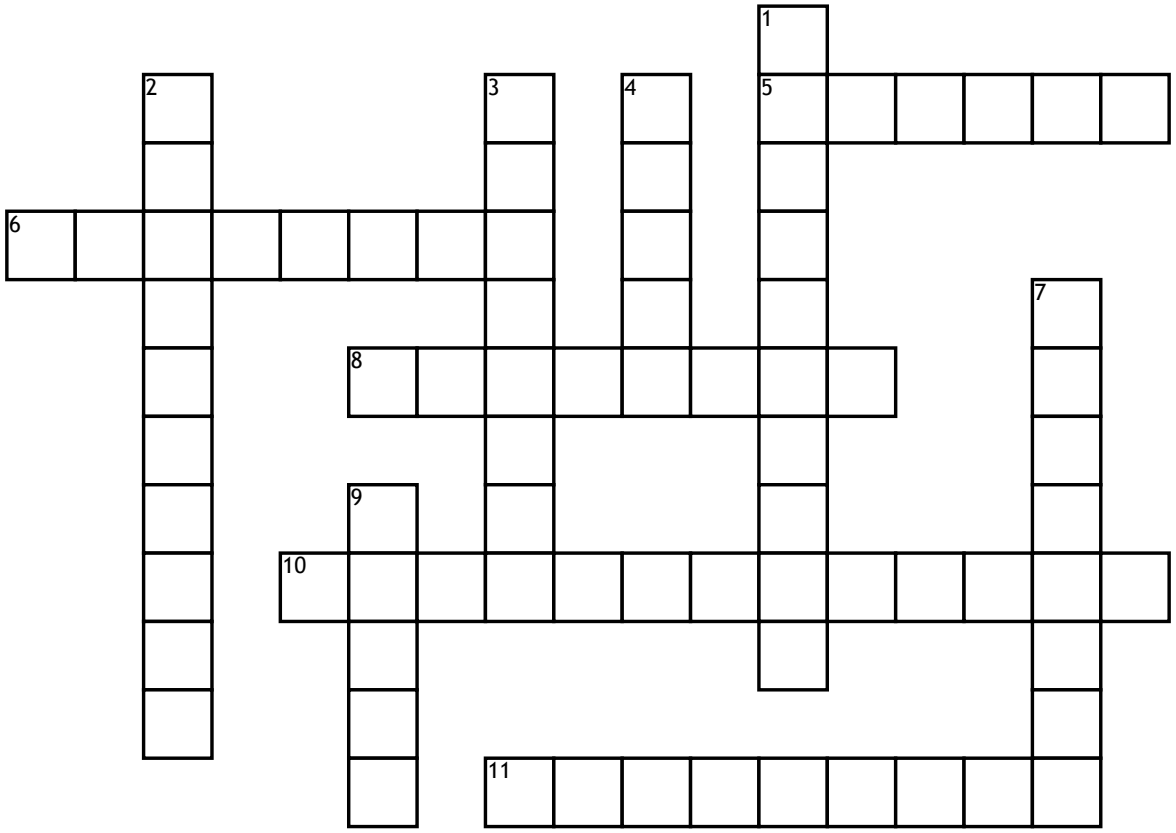
Grade 9 Geometry



Across

5. In Figure 1: g is an _____ angle.
6. In Figure 1: b + c = 180 because angles on a _____ line
8. In Figure 1: a + c = 180 because EF and GH are _____
10. In Figure 1: Angle a is equal to angle b because _____ angles are equal (EF//GH)
11. In Figure 1: e and a are equal, just like g and c, because _____ angles are equal.

Down

1. In Figure 1: a and c are _____ angles
2. In Figure 1: e = h and e = f because _____ opp angles
3. In Figure 2: p = x + z because _____ angle triangle
4. In Figure 2: triangle RVT is an isosceles triangle with RT = VT, we can say that x = y _____ angles opposite _____ sides
7. In Figure 2: x + y + z = 180 degrees because sum angles _____
9. When angles that share a vertex add up to 360 degrees, we call them angles around a _____

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