Equations of Ellipses - Independent Practice Worksheet

Find the equations of the ellipses that are described in standard form.

1. This ellipse has foci at (0,-8) and (0,8) and vertices at(0,-14) and (0,14).

2. This ellipse has foci at (0,-9) and (0,9) and vertices at(0,-16) and (0,16).

3. This ellipse has foci at (0,-11) and (0,11) and vertices at (0,-17) and (0,17).

4. This ellipse has foci at (0,-12) and (0,12) and vertices at(0,-18) and (0,18).

5. This ellipse has foci at (0,-13) and (0,13) and vertices at(0,-19) and (0,19).

6. This ellipse has foci at (0,-14) and (0,14) and vertices at(0,-21) and (0,21).

7. This ellipse has foci at (0,-15) and (0,15) and vertices at(0,-22) and (0,22).

8. This ellipse has foci at (0,-16) and (0,16) and vertices at(0,-23) and (0,23).

9. This ellipse has foci at (0,-17) and (0,17) and vertices at(0,-24) and (0,24).

10. This ellipse has foci at (0,-18) and (0,18) and vertices at(0,-25) and (0,25).