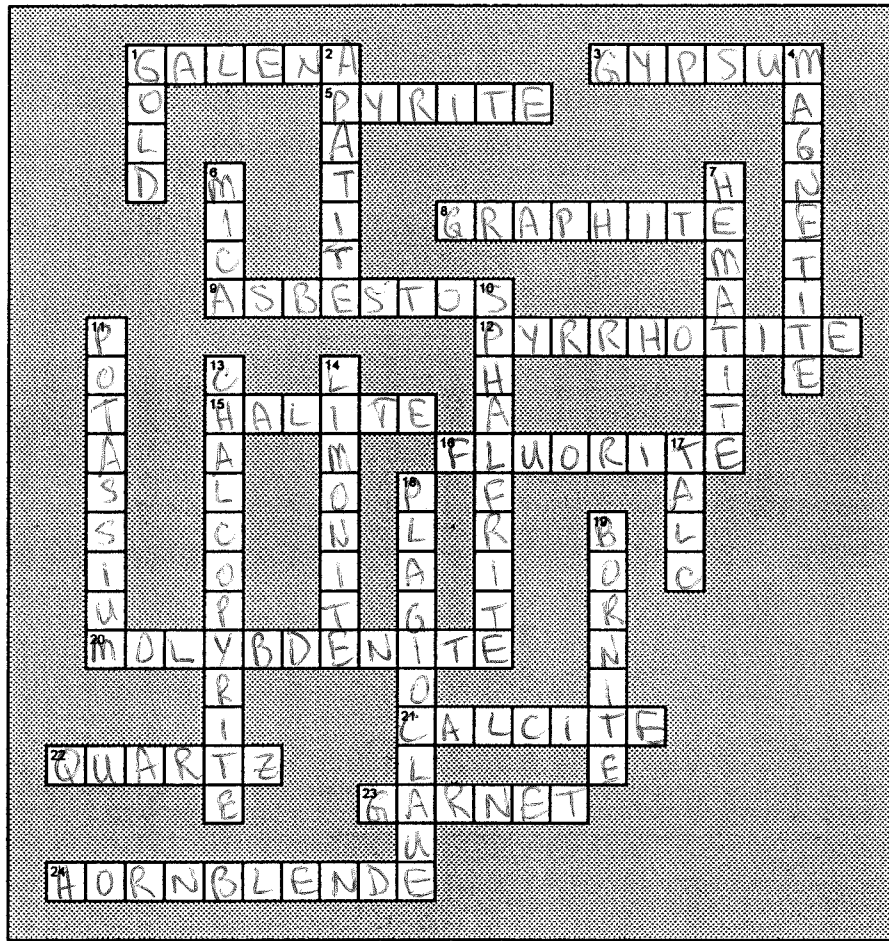


Using the Mineral Data Sheet



Across

1. lead-grey, metallic, cubes or massive, 3 cleavage planes, specific gravity = 7.6
3. colourless to white, vitreous to pearly, hardness = 2
5. brass yellow, fool's gold, cubic crystals, hardness 6-6.5
8. black, metallic, massive form, pencil lead
9. usually green, waxy, cancer-causing
12. bronze yellow, grey black streak, metallic, no cleavage, specific gravity = 4.6
15. cubic, salty
16. variable colour, cubic crystals, 4 cleavage planes
20. lead grey bluish tinge, metallic, hardness = 1-1.5
21. vitreous, rhombohedral, double refraction, fizzes with acid
22. white streak, vitreous, no cleavage, prismatic crystals, hardness = 7
23. red, vitreous, 12 or 24 faced crystals, hardness = 7
24. dark green to black, form = long crystals, grains, 2 cleavage planes at 56 degrees, hardness = 6

Down

1. yellow streak, metallic, no cleavage, specific gravity = 19
2. usually green, vitreous, hardness = 5, specific gravity = 3.1
4. black, metallic, magnetic
6. one cleavage plane, light or dark, vitreous, flakes
7. red brown streak no matter the colour
10. mined for zinc, 6 perfect cleavage planes
11. pink feldspar, stubby crystals
13. golden-brassy yellow, tetrahedral crystals, specific gravity = 4.2
14. brownish yellow, earthy, hardness = 5.5 to 6
17. pearly white, softest mineral, waxy or greasy lustre
18. white feldspar, tabular crystals
19. iridescent blue, metallic, no cleavage, hardness=3