



Math Olympiad and Problem Solving Programs
G210 - Introductory Math Olympiad
Problem Set 16.2 - Triangles

Name:

Date:

1. $\boxed{240}$
2. $\boxed{\frac{63\sqrt{10}}{2} \approx 99.61}$
3. $\boxed{\frac{63\sqrt{2}}{8}}$
4. $\boxed{5 : 3}$
5. $\boxed{\frac{273\sqrt{73}}{73} \approx 31.95}$
6. $\boxed{4\sqrt{7}}$
7. $\boxed{35}$
8. $\boxed{\frac{780}{229} \approx 3.41}$
9. $\boxed{\frac{1225}{72} \approx 17.01}$
10. $\boxed{\frac{3}{4}}$