

GEOMETRY Chapter 7 Practice Test 2

Name _____

Find the value of n in the proportions below.

_____ 1. $\frac{n}{4} = \frac{7}{6}$

_____ 2. $\frac{n+2}{9} = \frac{4}{6}$

_____ 3. $\frac{3}{9} = \frac{n}{6}$

_____ 4. $\frac{2n+4}{9n} = \frac{1}{4}$

_____ 5. $\frac{4}{n+2} = \frac{7}{2n+3}$

_____ 6. $\frac{\frac{2}{3}}{n} = \frac{\frac{1}{2}}{6}$

Find the value of x in the triangles below knowing that the two horizontal lines are parallel.

Figure 1

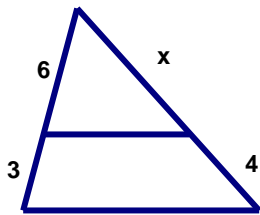


Figure 2

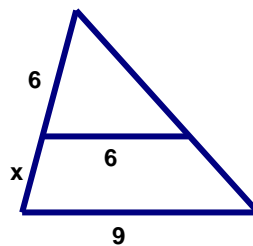


Figure 3

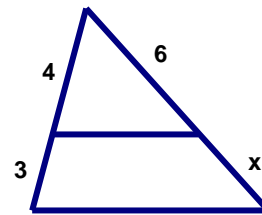


Figure 4

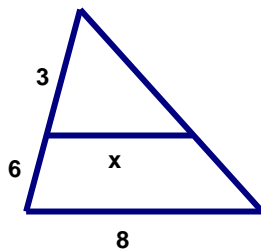


Figure 5

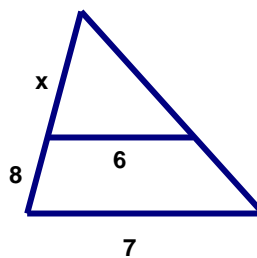


Figure 6

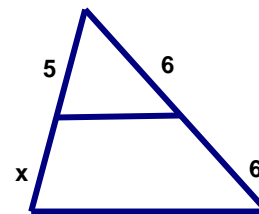


Figure 7

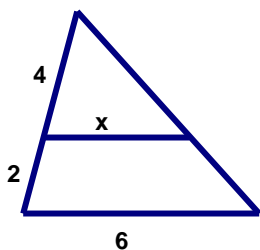


Figure 8

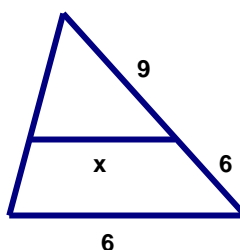


Figure 9

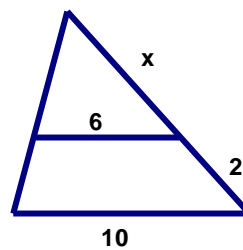


Figure 10

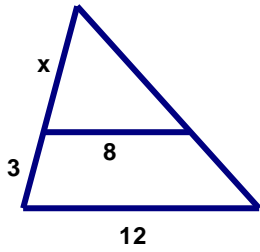


Figure 11

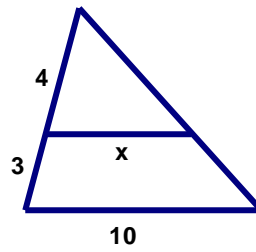


Figure 12

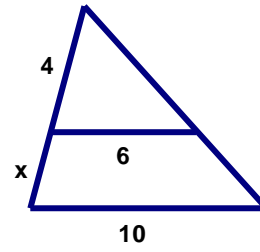


Figure 13

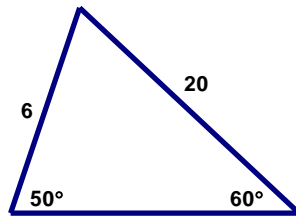
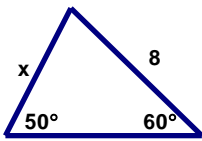


Figure 14

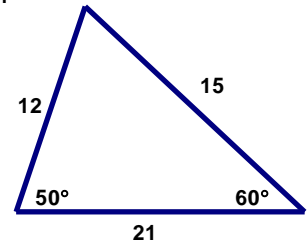
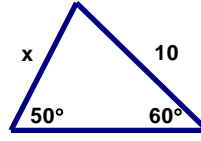


Figure 15

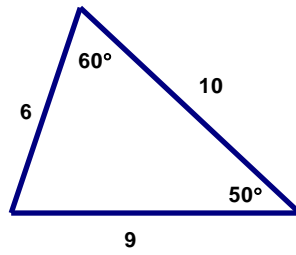
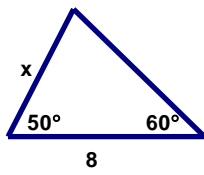


Figure 16

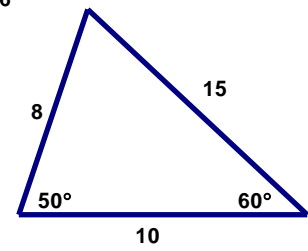
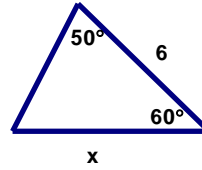


Figure 17

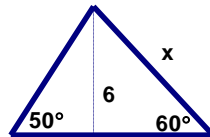
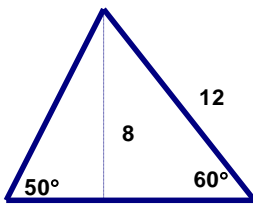
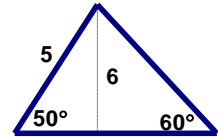
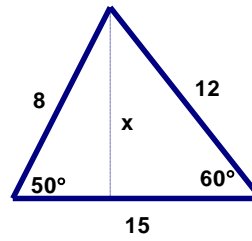


Figure 18



ANSWERS FOR THE FIGURES

- | | | | | |
|-----------|-----------|-----------|-----------|-----------|
| 1. _____ | 2. _____ | 3. _____ | 4. _____ | 5. _____ |
| 6. _____ | 7. _____ | 8. _____ | 9. _____ | 10. _____ |
| 11. _____ | 12. _____ | 13. _____ | 14. _____ | 15. _____ |
| 16. _____ | 17. _____ | 18. _____ | | |