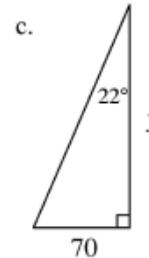
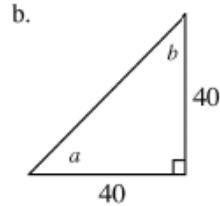
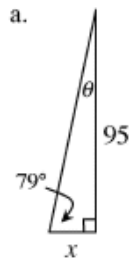
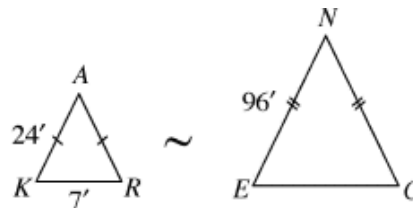


Review & Preview

4-16. Use your Trig Table from problem 4-15 to help you find the value of each variable below.

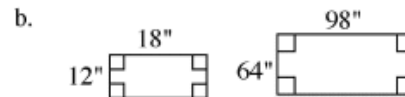


4-17. The triangles shown at right are similar.



- What is the ratio of side length NE to side length AK ?
- Use a ratio to compare the perimeters of $\triangle ENC$ and $\triangle KAR$. How is the perimeter ratio related to the side length ratio?
- If you have not already done so, find the length of \overline{EC} .

4-18. **Examine** each pair of figures below. Are they similar? Explain how you know.



4-19. Find the equation of the line with a slope of $\frac{1}{3}$ that goes through the point $(0, 9)$.

4-20. **Examine** the figure at right, which is not drawn to scale. Which is longer, \overline{AB} or \overline{BC} ? Explain your answer.

