

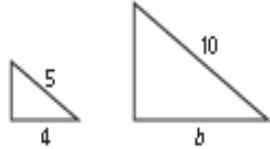
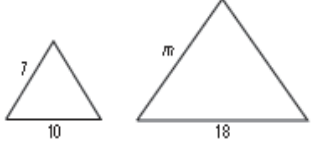
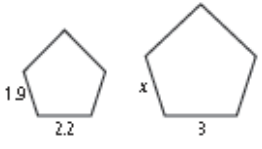
# 2-8

## Practice

Form G

### Proportions and Similar Figures

The figures in each pair are similar. Find the missing length.

<p>1.</p>  <p>_____ = _____</p>	<p>2.</p>  <p>_____ = _____</p>	<p>3.</p>  <p>_____ = _____</p>
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<p>4. The map scale is 0.5 in. : 20 mi. Find the actual distance if the distance on the map is 2 in.</p> <p>_____ = _____</p>	<p>5. A museum has a sculpture of a historical village. The scale is 1.5 : 8. If the height of a shed is 5 feet, how tall was the original shed to the nearest whole foot?</p> <p>_____ = _____</p>	<p>6. On a map, the length of a river is 4.75 in. The actual length of the river is 247 miles. What is the scale of the map?</p> <p>_____ = _____</p>
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<p>7. A 10-foot tall flagpole stands next to a tree. The shadow of the flagpole is 17 ft &amp; the shadow of the tree is 50 ft. What is the height of the tree?</p> <p>_____ = _____</p>	<p>8. Everglades National Park is 225 mi. long. What scale is needed to draw a map 10 in. long?</p> <p>_____ = _____</p>
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