

Name \_\_\_\_\_

# Equivalent Ratio

## Equivalent Ratios in Scale Models.

<p>1) A scale model of a car has a length of 10 inches. If the actual car is 15 feet long, what is the scale of the model in inches to feet?</p> <p><b>1:18</b></p>	<p>2) A scale model of a building is created with a scale of 1:100. If the model height is 2 feet, what is the actual height of the building in feet?</p> <p><b>200 feet</b></p>
<p>3) A model airplane is made with a scale of 1:72. If the wingspan of the actual airplane is 144 feet, what is the wingspan of the model in inches?</p> <p><b>24 inches</b></p>	<p>4) A blueprint has a scale of 1:50. If a wall measures 6 inches on the blueprint, what is the actual length of the wall in feet?</p> <p><b>25 feet</b></p>
<p>5) A scale model of a bridge is created with a scale of 1:250. If the model bridge is 1.5 feet long, what is the actual length of the bridge in feet?</p> <p><b>375 feet</b></p>	<p>6) A scale model of a house is created with a scale of 1:50. If the model house is 3 feet wide, what is the actual width of the house in feet?</p> <p><b>150 feet</b></p>
<p>7) A scale model of a stadium is built with a scale of 1:400. If the model stadium is 2.5 feet in diameter, what is the actual diameter of the stadium in feet?</p> <p><b>1000 feet</b></p>	<p>8) A scale model of a boat is created with a scale of 1:150. If the model is 8 inches long, what is the actual length of the boat in feet?</p> <p><b>100 feet</b></p>