

Name \_\_\_\_\_



Date \_\_\_\_\_

## Ratios

Use a proportion to find the unknown length in the pair of similar figures.  
(drawings are not drawn to scale)

<p>1.</p> <p>length of sides:</p> <p>PM = 55 m      GF = 77 m            OP = 45 m      HG = 63 m            NO = 10 m      FE = 49 m            MN = 35 m      EH = _____</p>	<p>2.</p> <p>length of sides:</p> <p>GH = 16 yd      LI = 90 yd            EF = _____      IJ = 36 yd            FG = 40 yd      KL = 36 yd            HE = 40 yd      JK = 90 yd</p> <div style="border: 1px solid red; border-radius: 50%; padding: 10px; display: inline-block; color: red;">             Enter answers in text boxes.           </div>
<p>3.</p> <p>length of sides:</p> <p>QP = 10 cm      ML = 42 cm            TS = 24 cm      KO = _____            PT = 12 cm      NM = 9 cm            SR = 6 cm      KL = 15 cm            RQ = 28 cm      ON = _____</p>	<p>4.</p> <p>length of sides:</p> <p>GI = _____      JL = 150 km            GH = 88 km      KL = 165 km            IH = _____      KJ = 60 km</p>
<p>5.</p> <p>length of sides:</p> <p>CD = 30 ft      KL = 3 ft            AB = 30 ft      IJ = 3 ft            DA = _____      LI = 2 ft            BC = 20 ft      JK = 2 ft</p>	<p>6.</p> <p>length of sides:</p> <p>IH = 98 in      FE = 154 in            GH = 91 in      FD = _____            GI = 35 in      ED = 55 in</p>