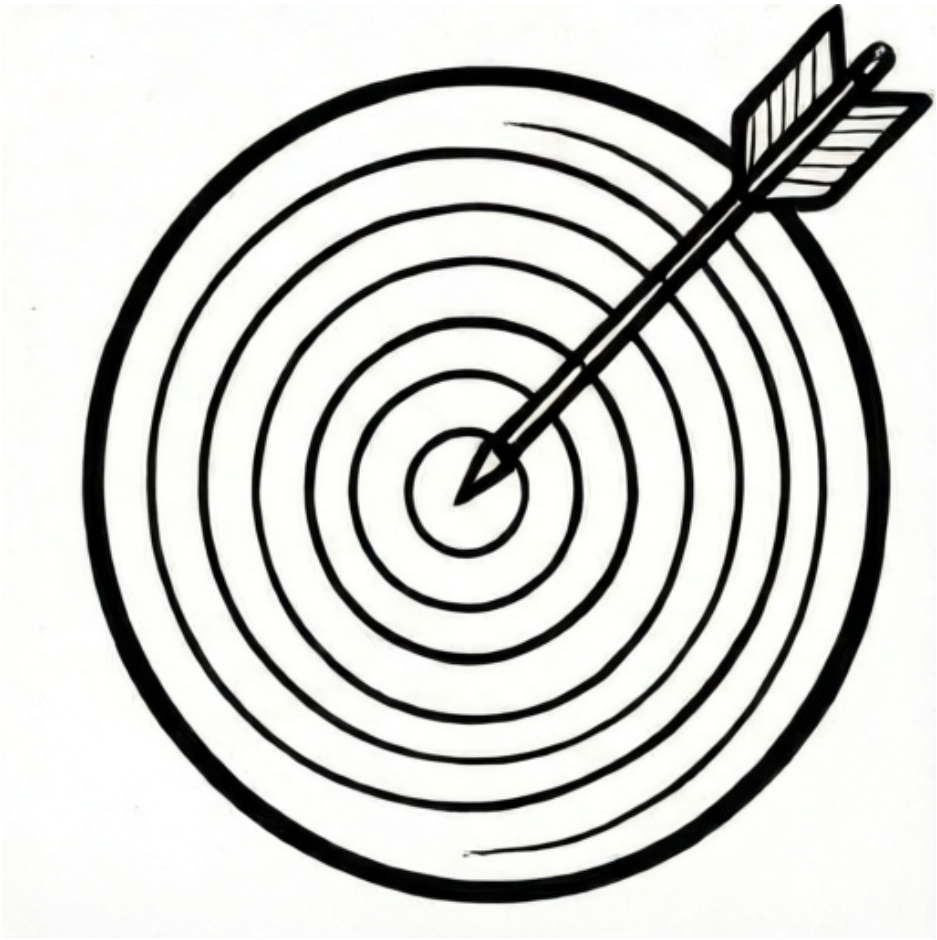
Draw a Concentric-Ring Target with an Arrow Hitting It

Ordinary topic reference / separately checked pixels



Draw a Concentric-Ring Target with an Arrow Hitting It

Original worked example / unchanged complete key

Prompt: Draw a target with three concentric rings spaced 2 cm apart and an arrow hitting the second ring at the top. Describe the construction.

Answer: Mark center C. Set compass to 2 cm and draw ring 1. Set to 4 cm and draw ring 2. Set to 6 cm and draw ring 3. Choose impact point P on ring 2 at the top. Draw a guide line through P angled downward toward the center. Mark tail T on the guide line 8 cm from P. Draw the shaft from T to P. Draw a small triangle with tip at P and base on the shaft. Add three fletching shapes near T, each touching the shaft. Check that ring gaps are 2 cm and the head tip is at P.