Draw an Explosion Burst: Radiating Shock Lines and Debris

Ordinary topic reference / separately checked pixels



Draw an Explosion Burst: Radiating Shock Lines and Debris

Original worked example / unchanged complete key

Prompt: On a 15 cm by 15 cm area, draw a burst centered at C with 8 spikes, 10 shock lines, and debris in three zones. Use the convention that shock lines radiate outward and shorten with distance, and debris density decreases outward.

Answer: Center C at 7.5 cm from each edge. Draw 8 spikes alternating 3 cm and 1.5 cm from C, then close the outline. Mark 10 rays from C and draw shock lines starting just outside the outline; make inner lines about 2 cm long and outer lines about 1 cm long. Draw two light circles at 4 cm and 6 cm from C. Place 12 large debris marks inside 4 cm, 8 medium marks between 4 cm and 6 cm, and 4 small marks beyond 6 cm. Check that all shock lines point away from C and that debris counts decrease outward.