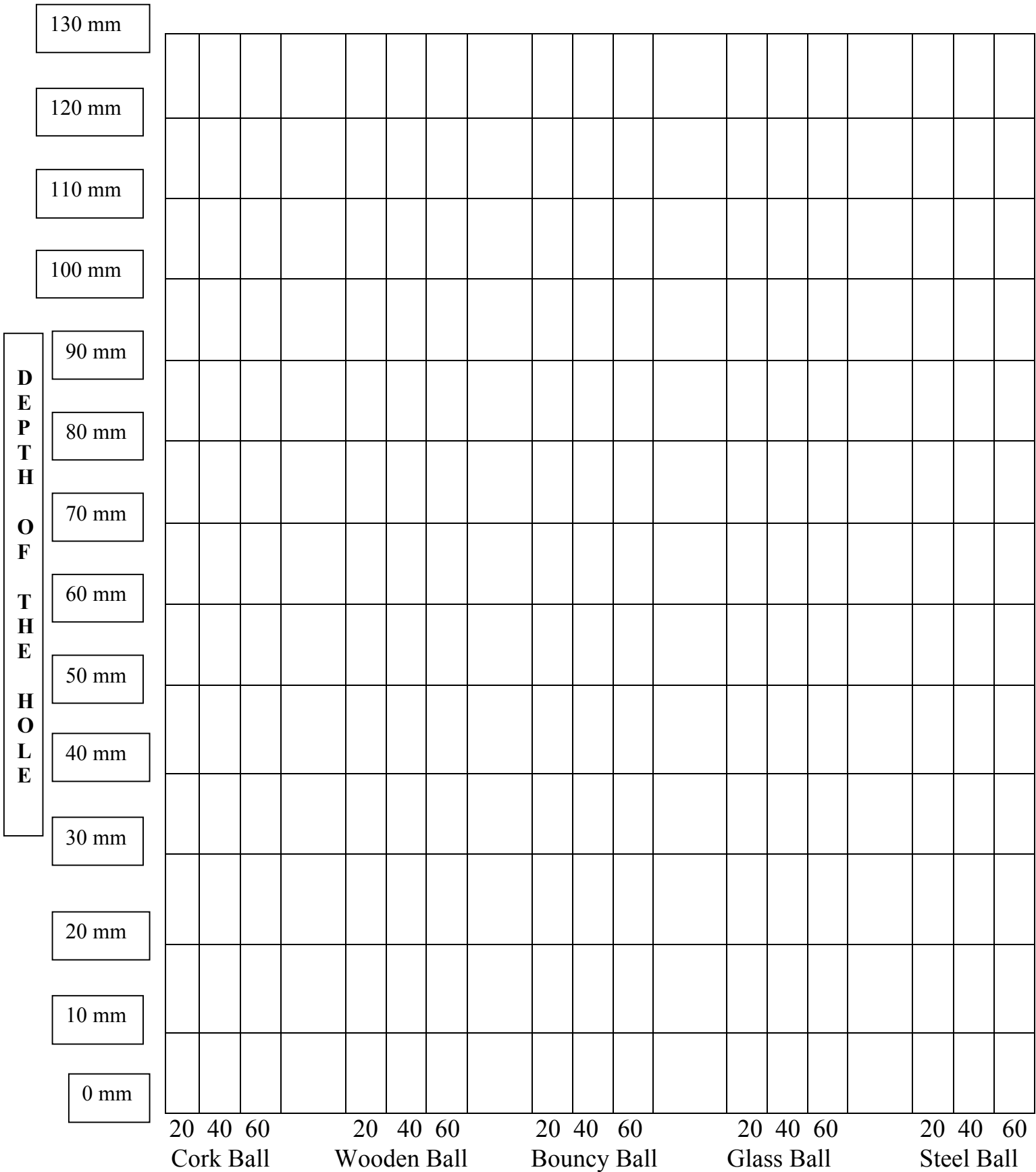


Ball Drop—Making Craters



Type of Ball and the Height Dropped in Centimeters

Name _____

The Ball Drop
Making Craters

Ball Height in Millimeters	Dropping Distance 20 cm	Dropping Distance 40 cm	Dropping Distance 60 cm
Cork Ball	mm deep	mm deep	mm deep
Wooden Ball	mm deep	mm deep	mm deep
Bouncy Ball	mm deep	mm deep	mm deep
Glass Ball	mm deep	mm deep	mm deep
Steel Ball	mm deep	mm deep	mm deep

1. What pattern do you see in each column going down?

2. Explain why this happened.

3. What pattern do you see in each row going across?

4. What are your overall conclusions of what makes deeper holes?

1. _____

2. _____
