

Algebra

Write two equations to describe the mobile. Then find the weight of each shape.

1 Total Weight: 40

2 Total Weight: 80

Problem Solving

Use a strategy and solve. For 3 and 4, round your answer to the nearest tenth of a unit.

- 3** Mario is building a square base for a table. He wants the area of the base to be 200 square inches. How long should he make each side? _____
- _____
- 4** Carrie is measuring the dimensions of a tissue box. She finds that it is a cube with a volume of 91 cubic inches. About how long is each edge of the cube? _____
- _____
- 5** A sandwich and a cold drink cost \$6.50. The sandwich costs \$3.00 more than the drink. How much does each item cost? _____
- _____