ALGEBRA WARM-UPS

grams

1 km=1000 m

112 yds=336 ft

Measurement

OBJECTIVES

After completing *Algebra Warm-Ups: Measurement*, students will be able to

• understand measurable attributes of objects and the units, systems, and processes of measurement.

• make decisions about units and scales that are appropriate for problem situations involving measurement.

• apply appropriate techniques, tools, and formulas to determine measurements.

• analyze precision, accuracy, and approximate error in measurement situations.

ALGEBRA WARM-UPS

grams

112 yds=336 ft

1 km=1000 m

Measurement

- understand and use formulas for the area, surface area, and volume of geometric figures, including cones, spheres, and cylinders.

- apply informal concepts of successive approximation, upper and lower bounds, and limit in measurement situations.

- use unit analysis to check measurement computations.