Name _____ Date _____ Class _____

SKILL 19

Skills Readiness

Choose an Appropriate Measure

Choosing an appropriate measure depends on the object being measured and what makes sense for that object.

Most Common Units of Measure		
Length	**Weight (Mass)**	**Capacity**
inches (in.) feet (ft) yards (yd) miles (mi) centimeters (cm) meters (m) kilometers (km)	ounces (oz) pounds (lb) tons (T) grams (g) kilograms (kg)	fluid ounces (fl oz) cups (c) pints (pt) quarts (qt) gallons (gal) liters (L)

Example: What measure would you use to weigh an automobile?

Answer: Ounces and pounds do not make sense, because they are much too small. An automobile most likely weighs one to two tons, so tons is the better measure.

Practice on Your Own

For each object, circle the better measurement.

1. length of a football field: 100 ft or 100 yd

2. length of a sofa: 6 ft or 6 yd

3. height of a coffee table: 1.5 ft or 5 yd

4. mass of an ant: 0.1 g or 0.1 lb

5. airplane speed: 3000 mph or 300 mph

6. height of a 6-year old: 5 ft or 2.5 ft

7. diameter of a car tire: 3 ft or 15 in.

8. capacity of a teacup: 8 oz or 1 gal

Check

For each object, circle the better measurement.

9. height of a paperback book: 1 ft or 6 in.

10. length of a tropical fish: 6 ft or 6 in.

11. diameter of a dinner plate: 25 cm or 1 m

12. height of a cow: 5 ft or 5 yd

13. diameter of a wedding ring: 2 cm or 1 m

14. weight of a TV set: 30 lbs or 30 oz

15. capacity of a water tower: 50,000 gal or 50,000 pt

16. distance of a marathon: 26 mi or 2600 yd