

# Metric Units: millimeters and centimeters

## Grade 3 Measurement Worksheet

Note: 1 centimeter (cm) = 10 millimeters (mm)

Convert the given measures to new units.

1. 70 cm = \_\_\_\_\_ mm      2. 30 cm = \_\_\_\_\_ mm

3. 90 mm = \_\_\_\_\_ cm      4. 20 cm = \_\_\_\_\_ mm

5. 80 mm = \_\_\_\_\_ cm      6. 40 mm = \_\_\_\_\_ cm

7. 60 mm = \_\_\_\_\_ cm      8. 90 cm = \_\_\_\_\_ mm

9. 30 mm = \_\_\_\_\_ cm      10. 10 cm = \_\_\_\_\_ mm

11. 40 cm = \_\_\_\_\_ mm      12. 50 cm = \_\_\_\_\_ mm

13. 70 mm = \_\_\_\_\_ cm      14. 50 mm = \_\_\_\_\_ cm

15. 60 cm = \_\_\_\_\_ mm      16. 20 mm = \_\_\_\_\_ cm

17. 80 cm = \_\_\_\_\_ mm      18. 10 mm = \_\_\_\_\_ cm

19. 10 mm = \_\_\_\_\_ cm      20. 40 mm = \_\_\_\_\_ cm

Name: \_\_\_\_\_ Date: \_\_\_\_\_

## Measuring Units Worksheet

Convert.

1 a. 6 cm = \_\_\_\_\_ mm

1 b. 9 cm = \_\_\_\_\_ mm

2 a. 50 mm = \_\_\_\_\_ cm

2 b. 100 mm = \_\_\_\_\_ cm

3 a. 1 cm = \_\_\_\_\_ mm

3 b. 8 cm = \_\_\_\_\_ mm

4 a. 70 mm = \_\_\_\_\_ cm

4 b. 30 mm = \_\_\_\_\_ cm

5 a. 40 mm = \_\_\_\_\_ cm

5 b. 20 mm = \_\_\_\_\_ cm

6 a. 50 mm = \_\_\_\_\_ cm

6 b. 60 mm = \_\_\_\_\_ cm

7 a. 80 mm = \_\_\_\_\_ cm

7 b. 20 mm = \_\_\_\_\_ cm

8 a. 80 mm = \_\_\_\_\_ cm

8 b. 30 mm = \_\_\_\_\_ cm

9 a. 3 cm = \_\_\_\_\_ mm

9 b. 8 cm = \_\_\_\_\_ mm

10 a. 10 mm = \_\_\_\_\_ cm

10 b. 10 cm = \_\_\_\_\_ mm

Name: \_\_\_\_\_ Date: \_\_\_\_\_

## Measuring Units Worksheet

Convert.

1 a. 2,000 m = \_\_\_\_\_ km

1 b. 9 km = \_\_\_\_\_ m

2 a. 9,000 ml = \_\_\_\_\_ L

2 b. 3 kg = \_\_\_\_\_ g

3 a. 6 L = \_\_\_\_\_ ml

3 b. 90 mm = \_\_\_\_\_ cm

4 a. 6 cm = \_\_\_\_\_ mm

4 b. 4 km = \_\_\_\_\_ m

5 a. 1,000 m = \_\_\_\_\_ km

5 b. 2,000 g = \_\_\_\_\_ kg

6 a. 50 mm = \_\_\_\_\_ cm

6 b. 400 cm = \_\_\_\_\_ m

7 a. 4 L = \_\_\_\_\_ ml

7 b. 3 km = \_\_\_\_\_ m

8 a. 10,000 g = \_\_\_\_\_ kg

8 b. 2 cm = \_\_\_\_\_ mm

9 a. 10,000 m = \_\_\_\_\_ km

9 b. 9,000 g = \_\_\_\_\_ kg

10 a. 4,000 g = \_\_\_\_\_ kg

10 b. 8,000 ml = \_\_\_\_\_ L

## Measuring Units Worksheet

Convert.

1 a. 500 cm = \_\_\_\_\_ m

1 b. 1 m = \_\_\_\_\_ cm

2 a. 10 m = \_\_\_\_\_ cm

2 b. 200 cm = \_\_\_\_\_ m

3 a. 9 m = \_\_\_\_\_ cm

3 b. 7 m = \_\_\_\_\_ cm

4 a. 3 m = \_\_\_\_\_ cm

4 b. 4 m = \_\_\_\_\_ cm

5 a. 6 m = \_\_\_\_\_ cm

5 b. 8 m = \_\_\_\_\_ cm

6 a. 700 cm = \_\_\_\_\_ m

6 b. 6 m = \_\_\_\_\_ cm

7 a. 100 cm = \_\_\_\_\_ m

7 b. 5 m = \_\_\_\_\_ cm

8 a. 8 m = \_\_\_\_\_ cm

8 b. 3 m = \_\_\_\_\_ cm

9 a. 100 cm = \_\_\_\_\_ m

9 b. 1000 cm = \_\_\_\_\_ m

10 a. 4 m = \_\_\_\_\_ cm

10 b. 200 cm = \_\_\_\_\_ m