Name_____ Date_____

# Metric Conversions

Convert each measure to the given unit.
Write the resulting measure using scientific notation.

1 m = _____ cm

1 cm = _____ m

1 cm = _____ mm

1 mm = _____ cm

1 m = _____ mm

1 mm = _____ m

1 mm = _____ μm

1 μm = _____ mm

1 μm = _____ nm

1 nm = _____ μm

1 nm = _____ km

1 km = _____ nm

**Number
Unit 3 Line Master 5b**

## Metric Conversions (cont'd)

Record how you would convert from each unit along the side to each unit along the top. Write each conversion factor in standard form and using scientific notation.

|     | m | cm | mm | µm | nm |
|-----|---|----|----|----|----|
| **m**  |   |   |   |   |   |
| **cm** |   |   |   |   |   |
| **mm** |   |   |   |   |   |
| **µm** |   |   |   |   |   |
| **nm** |   |   |   |   |   |