Name : _____ Date: _____

Metric Unit Conversion: **Decimeter and Centimeter**

A. Expanded Form: You can expand measurements .

Example: 3.26 m = 3 m(meter) + 2 dm (decimeter) + 6 cm (centimeter)

1) 6. 17 m= ____m + ____dm + _____cm

2) 0.42 m = ____ m + ____ dm + _____cm

3) 18.45m = ____ m + ____dm + _____cm

4) 57.99m= ____m + _____dm + _____cm

5) 64.82 m= ____ m + _____ dm + _____ cm

B. Conversion

You can convert decimeter to centimeter and centimeter to decimeter.

I. To covert decimeter to centimeter, multiply by 10. When you change a larger unit to the smaller unit, multiply by 10. If there is a decimal point, move the decimal point one place to **the right.**

Example: 3.2 dm = ___ cm 3.2 x 10 = **32 cm**

12 dm = ___ cm 12 x 10= **120 cm**

6) 5.7 dm= ____ cm

7) 14 dm= ____ cm

8) 16.5 dm= ____cm

9) 6.25 dm= _____cm

10) 2.2 dm= ____cm

LIVEWORKSHEETS