

## Answers to problems in page 13

### *Answers to Practice*

#### *Problems A*

- a. 0.000 765 kg  
b. 1340 mg  
c. 0.0342 g  
d. 23 745 000 000 mg
- a. 1730 cm  
b. 0.002 56 km  
c. 56.7 m  
d. 5130 mm
- shortest: 0.0128 km; longest:  
17 931 mm

### Homework

GENERAL

#### Additional Practice

- Convert 253 mL to liters  
*Ans. 0.253 L*
- Convert 1258 cm to meters  
*Ans. 12.58 m*
- Convert 15 g to kilograms  
*Ans. 0.015 kg*
- Convert 1254 kilocalories to  
calories *Ans. 1 254 000 cal*
- How many seconds pass in  
5.25 h? *Ans. 18 900 s*

 Logical