



# Printable assessments

## CAMI Mathematics: Grade 6

### Measurement

#### 1. Capacity

##### 1.1 Convert the following units.

- (a) 150 l = ..... ml
- (b) 16 kl = ..... l
- (c) 79 000 l = ..... kl
- (d) 710 000 ml = ..... l
- (e) 200 kl = ..... l

##### 1.2 Problem solving

- (a) If 5 liter of juice costs R45,85, determine the price of 1 liter of juice.
- (b) A medicine bottle holds 50 ml of medicine. How many 5ml dosages can be measured from the bottle?
- (c) A plastic container holds 6 liter of paint. How many 500 ml containers can be filled from the larger container?

#### 2. Mass

##### 2.1 Convert the following units.

- (a) 21 950 g = ..... kg
- (b) 19,46 kg = ..... g
- (c) 3517 g = ..... kg
- (d) 89,8 kg = ..... g
- (e) 45 600g = ..... Kg

##### 2.2 Problem solving

- (a) How many objects, each with a mass of 350 g, will have the same mass as 2,1 kg?
- (b) Peter weighs 12 kg. How much will he weigh in 6 years time if his weight increases by 3 kg each year?
- (c) How many grams of sugar can I buy for R5,00 if 100 g of sugar cost 25c?

#### 3. Temperature

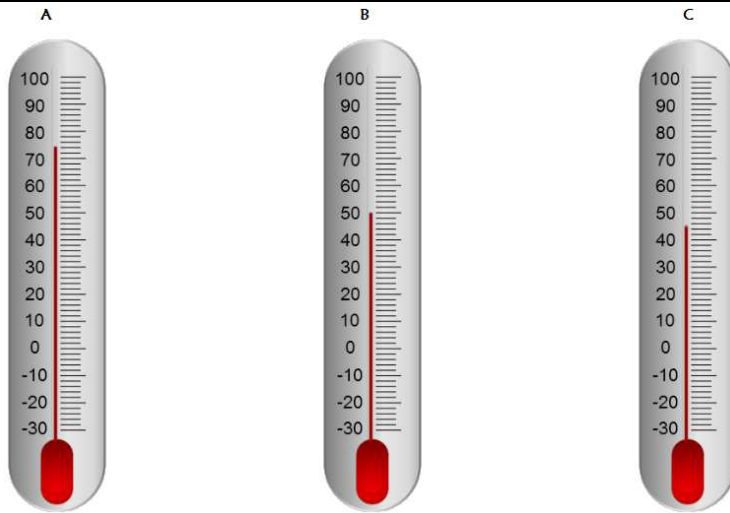
##### 3.1 Problem solving. [3.8.6.5]

- (a) What will the temperature be if 16°C drops by 18°C?
- (b) Write down the temperature 10 below 3°C.
- (c) Which temperature is the warmest? -25°C or -10°C

##### 3.2 Read the temperature on the given thermometers.



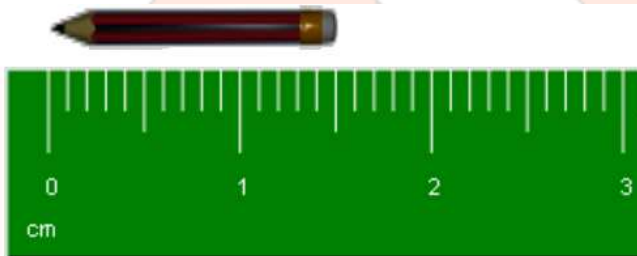
## Printable assessments CAMI Mathematics: Grade 6



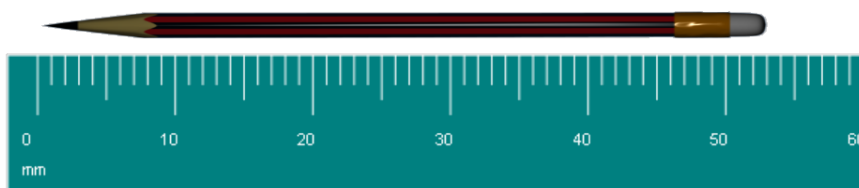
### 4. Length

4.1 Determine the length of the given objects.

(a)



(b)



### 4.2 Convert the units

- (a)  $27\ 100\ 000\ \text{mm} = \dots\dots\ \text{km}$
- (b)  $23,95\ \text{m} = \dots\dots\dots\ \text{mm}$
- (c)  $15,25\ \text{cm} = \dots\dots\dots\ \text{mm}$
- (d)  $17,39\ \text{km} = \dots\dots\dots\ \text{mm}$



## Printable assessments CAMI Mathematics: Grade 6

### MEMO

#### 1. Capacity

##### 1.1 Convert the following units. [9.1.3.5]

- (a) 150 l = **150 000** ml
- (b) 16 kl = **16 000** l
- (c) 79 000 l = **79** kl
- (d) 710 000 ml = **710** l
- (e) 200 kl = **200 000** l

##### 1.2 Problem solving [3.8.6.4]

- (a) 5 liter of juice = R45,85  
1 liter of juice =  $R45,85 \div 5 = R9,17$
- (b)  $50 \text{ ml} \div 5 \text{ ml} = 10$  dosages
- (c)  $6 \text{ l} = 6\,000 \text{ ml}$   
 $6\,000 \text{ ml} \div 500 \text{ ml} = 12$  containers can be filled.

#### 2. Mass

##### 2.1 Convert the following units. [AppNum79E ; AppNum79F]

- (a) 21 950 g = **21,95** kg
- (b) 19,46 kg = **19 460** g
- (c) 3517 g = **3,517** kg
- (d) 89,8 kg = **89 800** g
- (e) 45 600g = **45,6** kg

##### 2.2 Problem solving [3.8.6.2]

- (a)  $2,1 \text{ kg} = 2\,100 \text{ g}$   
 $2\,100 \text{ g} \div 350 \text{ g} = 6$  objects
- (b)  $12 \text{ kg} + (6 \times 3 \text{ kg}) = 30 \text{ kg}$
- (c)  $R5,00 = 500c$   
 $500 c \div 25 c = 20$   
I can buy  $20 \times 100 \text{ g} = 2\,000\text{g}$

#### 3. Temperature

##### 3.1 Problem solving. [3.8.6.5]

- (a)  $-2^{\circ}\text{C}$
- (b)  $-7^{\circ}\text{C}$



## Printable assessments CAMI Mathematics: Grade 6

(c)  $-10^{\circ}\text{C}$

**3.2** Read the temperature on the given thermometers. [9.1.4]

(a)  $74^{\circ}\text{C}$

(b)  $50^{\circ}\text{C}$

(c)  $46^{\circ}\text{C}$

**4.** Length

**4.1** Determine the length of the given objects.

[AppNum78A ; AppNum78B ; AppNum78C]

(a) 1,5 cm

(b) 53 mm

**4.2** Convert the units [AppNum79D ; AppNum79F]

(a) 27 100 000 mm = **27,1** km

(b) 23,95 m = **23 950** mm

(c) 15,25 cm = **152,5** mm

(d) 17,39 km = **17 390 000** mm

