



## Printable assessments CAMI Mathematics: Grade 6

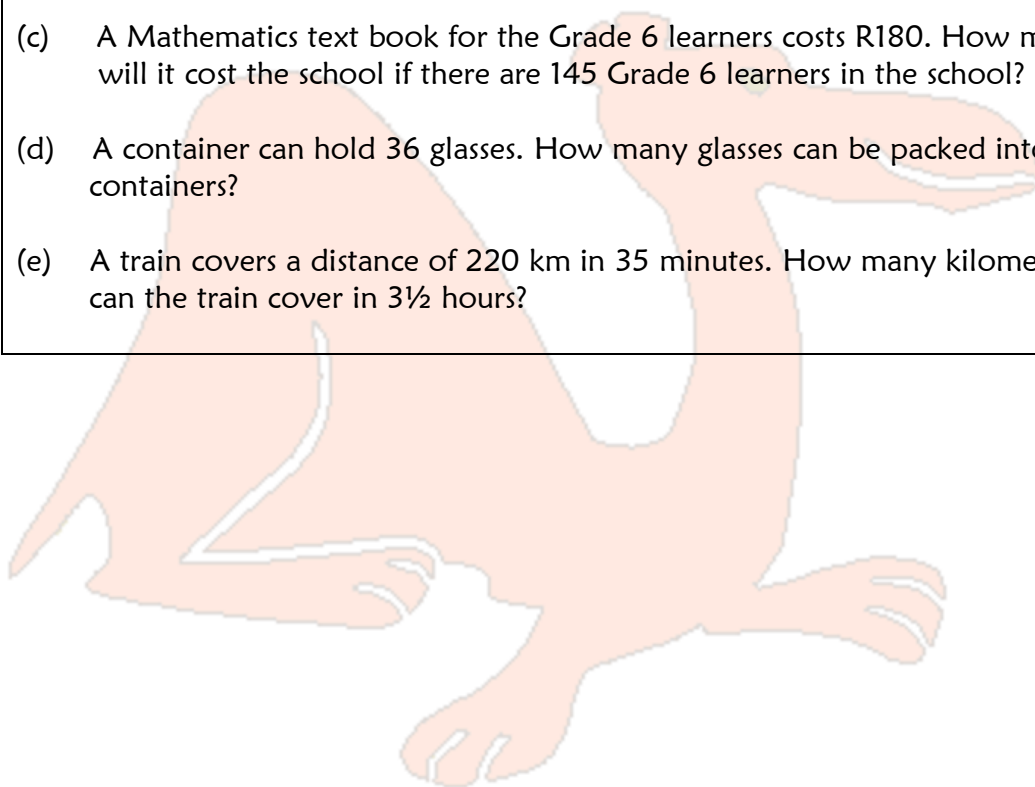
### Multiplication

**1. Calculate the following:**

- (a)  $1\ 835 \times 421$
- (b)  $2\ 959 \times 265$
- (c)  $1\ 257 \times 517$

**2. Problem solving.**

- (a) To make 5 kg of biscuits, you will need 5 550 g of sugar. How much sugar will you need if you need to make 65 kg of the same biscuits?
- (b) Mary earns R 14 785 per month. How much will she earn over 12 months?
- (c) A Mathematics text book for the Grade 6 learners costs R180. How much will it cost the school if there are 145 Grade 6 learners in the school?
- (d) A container can hold 36 glasses. How many glasses can be packed into 24 containers?
- (e) A train covers a distance of 220 km in 35 minutes. How many kilometers can the train cover in  $3\frac{1}{2}$  hours?





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### MEMO

#### 1. Multiplication. [1.4.4.5; 1.4.6.8]

(a) 
$$\begin{array}{r} 1\ 835 \\ \times 421 \\ \hline 1\ 835 \\ 36\ 700 \\ \hline 734\ 000 \\ \hline 772\ 535 \end{array}$$

(b) 
$$\begin{array}{r} 2\ 959 \\ \times 265 \\ \hline 14\ 795 \\ 177\ 540 \\ \hline 591\ 800 \\ \hline 784\ 135 \end{array}$$

(c) 
$$\begin{array}{r} 1\ 257 \\ \times 517 \\ \hline 8\ 799 \\ 12\ 570 \\ \hline 628\ 500 \\ \hline 649\ 869 \end{array}$$

#### 2. Problem solving. [3.8.3.6; 3.8.7.3]

(a)  $65\text{ kg} \div 5\text{ kg} = 13$   
 $13 \times 5\ 550\text{ g} = 72\ 150\text{ g}$   
You will need 72 150g of sugar.

(b)  $R\ 14\ 785 \times 12 = R177\ 420$   
Mary will earn R177 420 over 12 months.

(c)  $R180 \times 145 = R26\ 100$   
The Math books will cost R26 100.

(d) 1 container : 36 glasses  
24 containers :  $36 \times 24 = 864$  glasses

24 containers can hold 864 glasses.

(e)  $3\frac{1}{2}\text{ hours} = 210\text{ minutes}$   
 $210\text{ minutes} \div 35\text{ minutes} = 6$   
 $6 \times 220\text{km} = 1\ 320\text{ km}$

A train covers a distance of 1 320 km in  $3\frac{1}{2}$  hours.