



EXEMPLARS

Instructions to learners.

1. The use of calculators is not allowed.
 2. Answer all questions in the spaces provided.
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LO 1: NUMBERS, OPERATIONS AND RELATIONSHIPS

1. Calculate:

1.1 $16\,787 + 8\,694$

1.2 $43\,784 \cdot 18\,978$

2. Calculate and write your answer as a mixed number.

2.1 $8\frac{3}{5} - 4\frac{1}{15}$

2.2 $5\frac{2}{3} + 3\frac{1}{6} + \frac{5}{12}$

LO 2: PATTERNS, FUNCTIONS AND ALGEBRA

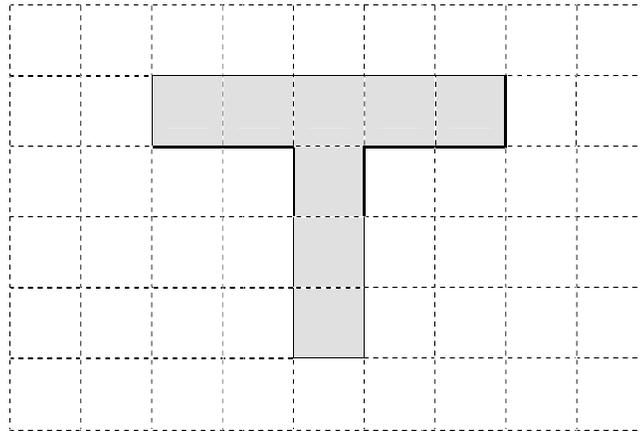
3. Calculate the value of x if $x \cdot 6 = 15$.

4. What is the sixth number in the following sequence?

1; 6; 11; 16; ̄

LO 3: SPACE AND SHAPE

5. On the grid below, each block represents 1 *cm* by 1 *cm*.



The area of the shaded figure = _____ cm^2

LO 4: MEASUREMENT

6. Use this Bus Timetable to answer the questions that follow.

Travelling from	Departure Time	Arrival Time
Durban to Bloemfontein	09:00	14:40 (same day)

How many hours **and** minutes does it take the bus to travel from Durban to Bloemfontein?

LO 5: DATA HANDLING

7. The following are the shoe sizes of some Grade 6 learners.

7 8 7 6 5
5 7 4 6 7
8 4 7 5 6

7.1 What is the **mode** of the shoe sizes? _____

7.2 What is the **mean** of the shoe sizes? _____

7.3 If one size 5 one size 6 is added to the current data, what is the **median** of the shoe sizes? _____