MINISTRY OF EDUCATION
YOUTH & INFORMATION

Numeracy Sample Items

1. What is the expanded form of **4 513**?
    A. $4 + 5 + 1 + 3$
    B. $4\,000 + 500 + 10 + 3$
    C. $40\,000 + 5\,000 + 100 + 30$
    D. $451 + 3$

2. 3×4 is the same as _____ .

    A. $4 + 4 + 4$
    B. $3 + 4 + 4$
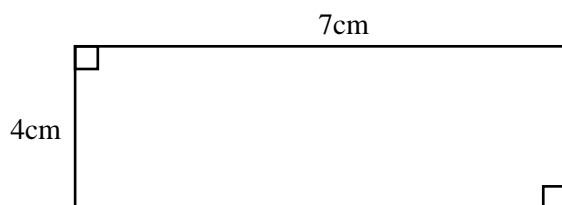   C. $3 + 3 + 3$
    D. $3 + 3 + 4$

3. Roy has 22 sweets. He buys 19 more. How many sweets does he have in all?

    A. 31
    B. 41
    C. 131
    D. 311

4. Which number represents 3 tens 5 ones?

    A. 0.35
    B. 3.5
    C. 35
    D. 53

5. Which comes **just after** the sixth position?
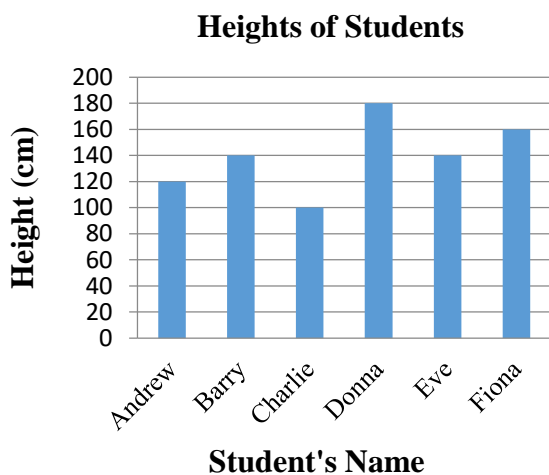   A. first
    B. fifth
    C. fourth
    D. seventh

6. What is 26 rounded to the nearest ten?
   A. 10
   B. 20
   C. 30
   D. 50

7. $\dfrac{2}{7} + \dfrac{2}{7} =$

   A. $\dfrac{2}{14}$

   B. $\dfrac{4}{7}$

   C. $\dfrac{4}{14}$

   D. $\dfrac{1}{2}$

8. The product of two numbers is 36. Their sum is 13. What are the two numbers?

   A. 1 and 12

   B. 3 and 12

   C. 6 and 7

   D. 4 and 9

9. How many metres are in 1 km?

   A. 1 m
   B. 10 m
   C. 100 m
   D. 1 000 m

10. The fence around a garden forms four right angles and has four equal sides. What is the shape of the garden?

    A. square
    B. rectangle
    C. hexagon
    D. triangle

11. What is the perimeter of the diagram shown below?

7cm

4cm

A. 11 cm
B. 22 cm
C. 28 cm
D. 94 cm

12. If $t = 14$, what is $t \times 3$?
   A. 62
   B. 51
   C. 42
   D. 32

13. Bobby is x years old. Frank is 12 years older than Bobby. Which number sentence represents Frank's age?

   A. $12 + x$
   B. $12 - x$
   C. $12 \times x$
   D. $12 \div x$

The bar graph below shows the heights of six students. Use the graph to answer questions 14 and 15.

Heights of Students

Height (cm)

200
180
160
140
120
100
80
60
40
20
0

Andrew   Barry   Charlie   Donna   Eve   Fiona

Student's Name

14. What is the height of the tallest student?
    A. 100 cm
    B. 160 cm
    C. 180 cm
    D. 200 cm

15. How much taller than Charlie is Eve?
    A. 20 cm
    B. 40 cm
    C. 100 cm
    D. 140 cm