

# Level 3

For office use only														
A1	Individual questionnaire number							A2	Household questionnaire number					
A3	Household control sheet number							A4	Pcode from household roster					

1.  $\left(\frac{1}{2} - \frac{1}{3}\right) - \left(\frac{1}{4} - \frac{1}{3}\right) =$

a)  $\frac{1}{12}$

b)  $\frac{1}{6}$

c)  $\frac{1}{4}$

d)  $\frac{1}{3}$

2. What is the place value of 7 in 738? / Boemotulo ba 7 ho.ke eng?

a) 1

b) 10

c) 100

d) 1000

3. 125 % of 160 is? / 125 % ya 160 ke?

a) 140

b) 160

c) 180

d) 200

4. If  $3 + ? = 16$  which number should replace? / Ha  $3 + ? = 16$ , ke palo efe e lokelang ho kenngwa?

a)  $y = 10$

b)  $y = 11$

c)  $y = 13$

d)  $y = 24$

5. Find the next number in the sequence! / Fumana palo e latelang tatelong!

1 2 3 5 7 11 ?

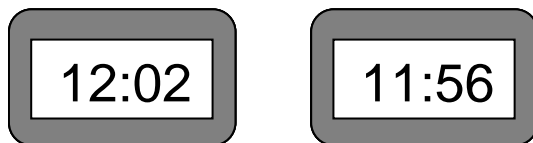
- a) 12
- b) 13
- c) 14
- d) 15

6. Which expression for  $y$  is true if / Ke palo efe bakeng sa  $y$  eo e leng nnete ha

$x$	0	1	2	3
$y$	0	2	4	6

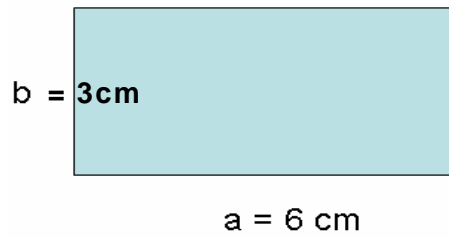
- a)  $y = 0$
- b)  $y = x$
- c)  $y = 2x$
- d)  $y = 3x$

7. What's the time difference between these two watches? / Phapang ya nako pakeng tsa ditshupanako tsena tse pedi ke eng?

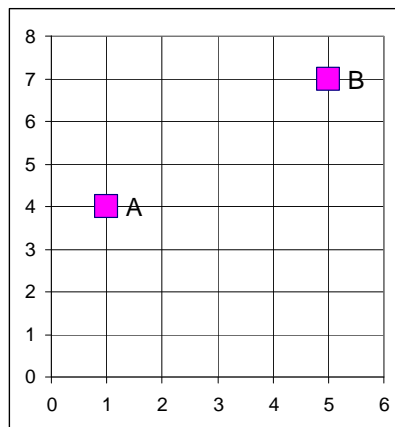


- a) 4 min / Mets e 4
  - b) 1 H 4 min / H e le 1 mets e 4 min
  - c) 6 min / Mets e 6
  - d) 1 H 6 min / H e le 1 mets e 6 min
8.  $5.5\text{m}^2 =$
- a)  $55\text{ cm}^2$
  - b)  $550\text{ cm}^2$
  - c)  $5500\text{ cm}^2$
  - d)  $55000\text{ cm}^2$
9. Convert 2 and  $\frac{3}{4}$  days into minutes / Fetolela matsatsi a 2 le  $\frac{3}{4}$  ho metsotso
- a) 3600
  - b) 3660
  - c) 3900
  - d) 3960

10. If  $a = 6\text{ cm}$  and  $b = 3\text{ cm}$  find the perimeter of the rectangle below. / Ha  $a = 6\text{ cm}$  mme  $b = 3\text{ cm}$  fumana bopoto loho ba kgutlonne ya mahlakore a lekanang e ka tlase .



- a)  $9\text{ cm}$   
 b)  $12\text{ cm}$   
 c)  $15\text{ cm}$   
 d)  $18\text{ cm}$
11. If volume of the cube is  $8\text{ cm}^3$  what is its surface? / Ha volumu ya khiubu e le  $8\text{ cm}^3$  bokahodimi ba yona ke eng?
- a)  $4\text{ cm}^2$   
 b)  $6\text{ cm}^2$   
 c)  $12\text{ cm}^2$   
 d)  $24\text{ cm}^2$
12. What is a distance between point A and point B? / Bohole bo pakeng tsa ntlha/letshwao la A le B ke eng?



- a) 3 units / Diyuniti tse 3  
 b) 4 units / Diyuniti tse 4  
 c) 5 units / Diyuniti tse 5  
 d) 7 units / Diyuniti tse 7

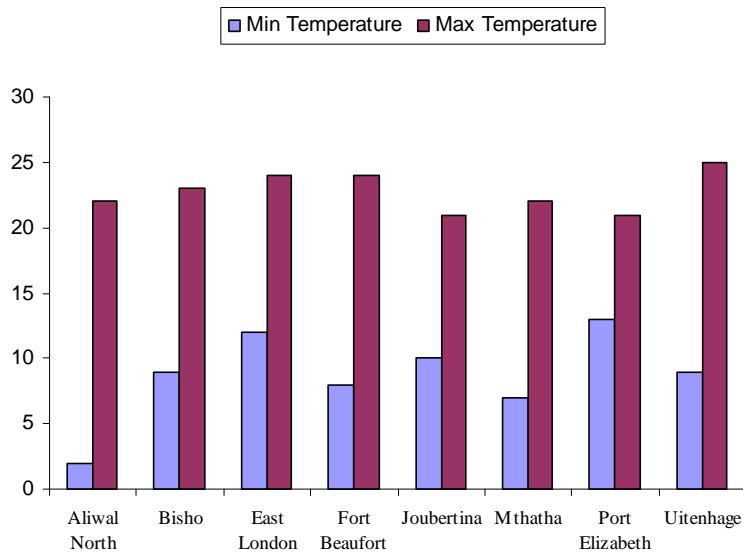
13. Mark flips a coin 10 times. What is the probability that he obtains heads on his third attempt? / Mark o bapadisa tjhelete ya tshepe makgetlo a 10. Kgonahalo ya hore a ka fumana hlooho tekong ya hae ya boraro ke efe?

- a)  $\frac{3}{80}$
- b)  $\frac{3}{20}$
- c)  $\frac{1}{8}$
- d)  $\frac{1}{2}$

14. Find mean of the following series of numbers: / Fumana palohare ya leotoo le latelang la dipalo:  
13, 17, 20, 40, 40

- a) 20
- b) 26
- c) 30
- d) 40

15. Which town experienced the smallest temperature change in a day? / Ke toropo efe e boneng phetoho e nyenyane ya themphereitjha letsatsing le le leng



- a) Porth Elizabeth
- b) Port Alfred
- c) East London
- d) Aliwal North