Section A: Multiple-Choice Questions

Instructions: Choose and circle the correct answer from the options lettered a - d.

1. 3 x 5 =
   a. 5 + 5 + 5   c. 3 x 3 x3 x 3 x 3
   b. 7 + 8   d. 5 x 5 x 5

2. 102 + 80 =
   a. 22   c. 182
   b. 92   d. 172

3. 120 ÷ 10 =
   a. 12   c. 10
   b. 11   d. 20

4. 9 x 10 x 0 =
   a. 19   c. 0
   b. 90   d. 900

5. ¼ of 24 =
   a. 8   c. 6
   b. 7   d. 4

Use the diagram below to answer questions 5 and 6.

6. The 2D shape above is a _____.
   a. quadrilateral   c. hexagon
   b. parallelogram   d. pentagon

7. 69 is _____ in Roman numeral.
   a. LIXI   c. XLVIIII
   b. LXIX   d. LXXI

8. What is the appropriate unit to measure the length of Year 3 Maths book?
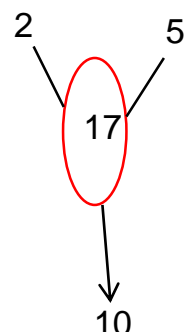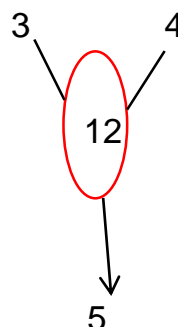   a. km   c. m
   b. mm   d. cm

9. Choose the option that does not belong here.
   a. 15 ÷ 5 = 3   c. 3 ÷ 15 = 5
   b. 3 x 5 = 15   d. 5 X 3 = 15

10. How many quarters make 2 wholes?
    a. 4   c. 8
    b. 6   d. 10

11. Round 144 to the nearest 10. =
    a. 82   c. 80
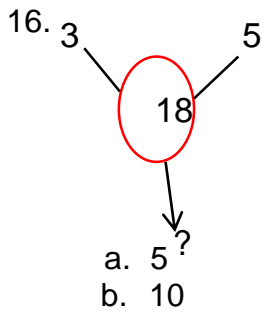   b. 90   d. 60

12. What fraction of the pizza has been eaten?

    a. $\frac{1}{7}$ c. $\frac{8}{1}$
    b. $\frac{1}{8}$ d. $\frac{7}{1}$

13. What fraction of the pizza is left?
    a. $\frac{8}{7}$ c. $\frac{1}{7}$
    b. $\frac{7}{8}$ d. $\frac{1}{8}$

14. One of the following shapes is not a 3D shape
    a. circle   c. cylinder
    b. cuboid   d. sphere

15. Multiply ninety-two by ten.
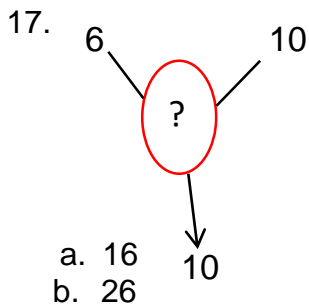
    a. 9   c. 90
    b. 920   d. 82

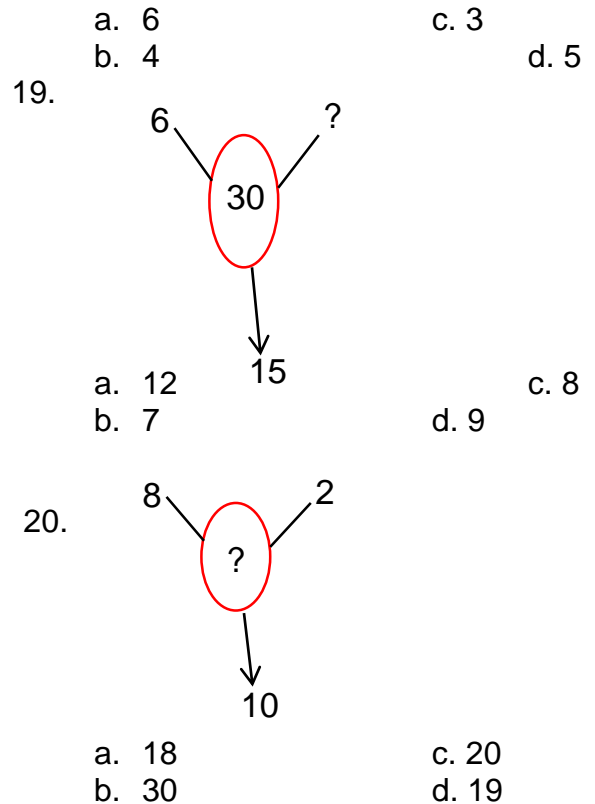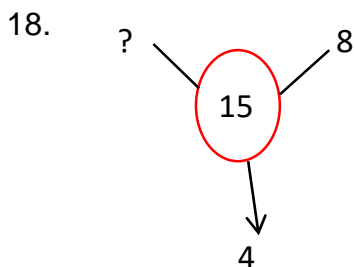### Quantitative Reasoning

Study the sample and answer questions 16-20.

16.

3   5

18

?

a. 5   c. 15
b. 10   d. 9

17.

6   10

?

10

a. 16   c. 36
b. 26   d. 14

18.

?   8

15

4

19.

6   ?

30

15

a. 6   c. 3
b. 4   d. 5

a. 12   c. 8
b. 7   d. 9

20.

8   2

?

10

a. 18   c. 20
b. 30   d. 19

Section B: Theory

Instruction: Answer all questions in this section. Remember to write neatly and legibly.

1. Write these Roman numerals in Arabic Number.
   i.   XCXXVII   = _____

   ii.   DCCLXXVII = _____

   iii.   MMXXIV   = _____

2. Compare these numbers using >, < or = sign.

   i.   248   [   ]184   ii.   576   [   ] 657   iii.   4 x 3   [6] + 6

3. Add 3546, 783 and 24. Show your working.

4. Round these numbers to the nearest 10, 100, and 1,000.

number	Nearest 10	Nearest 100	Nearest 1,000
6,753			

673			
76,909			

5. Write this number in words: 65437929;

_____

_____