DEPARTMENT OF EDUCATION – CENTRAL PROVINCE

Evaluation on diagnosing student performance

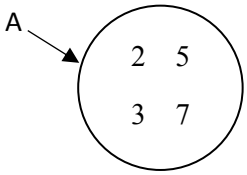
Grade 7 **Mathematics** **Time: 1 hour**

- **Answer all questions.**

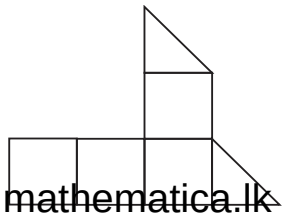
1. If the price of 5 apples is Rs. 625 find the price of 3 apples.

2. "The number of players in a cricket team." Is it a constant or a variable.

3. Describe this set considering a common property.



4. If the area of one small square is $1\ cm^2$ find the area of the figure given below.



5. Write $x \times y \times x \times y \times x \times x$ in index notation.
6. Amal's birthday is on 2001.12.05 and Nimal's birthday is on 2004.06.03. How many years Amal elder than Nimal?

7. Compare the value of $2^3 \times 3^2$ with the value of 5^2 using the symbol < or > .

8. There are 14 girls and 35 boys in a class. Find the ratio of girls to boys to the simplest form.

9. In which century the B.C 1564 belong.

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10. Write two suitable digits to the blank space given in the three digit number **26**….. which should be divisible by 3.

11. Mass of a bag with books is 7 kg 300 g .When removes 5 books from the bag the weight is 2 kg 250 g . What is the weight of removed books?
12. Draw an acute angle and name it as ABC.

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13. Find the value of the algebraic expression $x + 12$ when $x = 3$.

14. In a picture graph Symbol represents 8 vehicles. How many such symbols need to represent 20 vehicles. Represent that using the given symbol.

15. Find the highest common factor 12, 18, 60

16. If 100 Japanese yen is Rs. 125, what is the price of a watch worth 15000 Japanese yen in rupees?

17. Simplify $3 + 2 \times 4 - 4$

18. Draw a figure which has 3 symmetrical axes and draw its axes of symmetry.

19. Simplify $750g + 350g + 250g$ and write the answer in Kg and g.

20. Draw a line PQ parallel to the given line AB by using a straight edge and a setsquare.

A ——————————— B

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