



RAPHELA JUNIOR SCHOOL
REVISION FOUR
P.6 - MATHEMATICS

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1. Write the first six numbers for each of these numbers below and show the working.

- i. Odd numbers
- ii. Even numbers
- iii. Counting numbers
- iv. Prime numbers
- v. Square numbers
- vi. Triangular numbers
- vii. Composite numbers

2. Work out the squares of;

- i. 3
- ii. 2
- iii. $\frac{2}{3}$

3. Find the square roots of;

- i. 36
- ii. 81
- iii. 1.21
- iv. $\frac{4}{16}$

4. The square of a number is 49, what is the number?

5. The area of a square room is 25 cm^2 . Find the length of the sides of the room.

6. Prime factorise the following numerals and write the answers in set notation form.

i) 48

ii) 36

iii) 144

iv) 35

7. Express in powers of 2

a) 4

b) 8

c) 32

6. Find the L.C.M of ;

i. 6 and 8

ii. 5 and 12

iii. 24 and 30

iv. 10, 20 and 40

8. Work out the G.C.F of the listed numbers below.

I. 8 and 12

II. 16 and 12

III. 30 and 50

IV. 24 and 36

9. Find the smallest common number that divides 12 and 15 and gives 4 as a remainder.

10. Given that $14_{\text{five}} = 13_n$, find the value of n .

11. Solve $2x = 8$, find the value of x .

12. Find the square of two and a quarter.

