

OUTREACH SCHOOLS EXAMINATIONS BOARD KLA

P.6 MATHEMATICS TOPICAL TEST-2024

TOPIC 4: PATTERNS AND SEQUENCES

Name: Date:

1.	Evaluate $3^2 + 2^3$	2.	What is the value of $7x^2$ if $x = 4$?
3.	Prime factorise 180 and give the answer in set notation method.	4.	Find the next two numbers in the sequence: 1, 6, 11, 16, 21, _____, _____
5.	What number has been prime factorised to give $(2_1 \times 3_1 \times 3_2 \times 5_1 \times 5_2)$?	6.	The square root of the number is 4. What is the number?
7.	Find the LCM of 12, 18 and 30.	8.	Express 64 in powers of 4.
9.	What is the 12 th triangular	10.	What is the sum of the first five



	number?		prime numbers?
11.	Solve for x: $2^x = 8$	12.	What is the square root of 225?
13.	Find the square of $2\frac{1}{4}$.	14.	Which of the following is divisible by 5? 1071 or 1710

SECTION B

15.	The sum of three consecutive numbers is 84. Find the numbers.	16.	The sum of three consecutive odd numbers is 96. What are the numbers?
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“Good Luck”



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