

Year 4 Number Patterns Worksheet

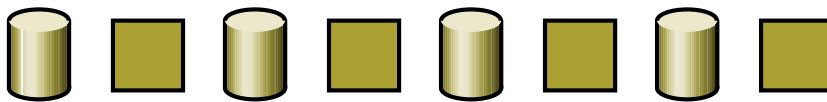
1. Look at this pattern:



How would you show this pattern using letters?

- A. AB
- B. ABC
- C. AAB

2. Look at this pattern:



3. Which pattern matches?

A.



B.



C.



4. Complete the pattern:

- A. && &&&& &&&&&& ----- -----
- B. <+> <++> <+++> ----- -----

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C. 

5. Type the missing number in this sequence:

A. 1, 2, _____, 8, 16, 32

B. 1, 3, 9, 27, 81,

C. 1, 3, 6, 10, 15, 21,

6. Charlie did 14 sit-ups on Monday, 16 sit-ups on Tuesday, 18 sit-ups on Wednesday, and 20 sit-ups on Thursday. If this pattern continues, how many sit-ups will Charlie do on Friday?

7. Lilly picks 2 apples from the first tree, 3 apples from the second tree, 6 apples from the third tree, and 11 apples from the fourth tree. If this pattern continues, how many apples will Lilly pick from the fifth tree?

8. There are 13 potato plants in the first row, 15 potato plants in the second row, 17 potato plants in the third row, 19 potato plants in the fourth row, and 21 potato plants in the fifth row. If this pattern continues, how many potato plants will there be in the sixth row?

9. Julia put 2 nut cakes on the first tray, 6 nut cakes on the second tray, 18 nut cakes on the third tray, and 54 nut cakes on the fourth tray. If this pattern continues, how many nut cakes will Brenna put on the fifth tray?

10. There are 2 green dots in the first row, 4 green dots in the second row, 8 green dots in the third row, 16 green dots in the fourth row, and 32 green dots in the fifth row. If this pattern continues, how many green dots will there be in the sixth row?

11. There are 9 red dots in the first row, 12 red dots in the second row, 15 red dots in the third row, 18 red dots in the fourth row, and 21 red dots in the fifth row. If this pattern continues, how many red dots will there be in the sixth row?