

DRILL QUESTIONS ON FACTORIAL (!)



Class: Year 6

INSTRUCTION: Attempt All Questions

Time allowed: 20minutes

1. What is a factorial?
 - a) A number that is evenly divisible by all the other numbers in a set
 - b) The sum of all the numbers in a set
 - c) The product of all the numbers in a set
 - d) The difference between the largest and smallest number in a set

2. What is the value of $(5!)$?
 - a) 5
 - b) 10
 - c) 20
 - d) 120

3. What is the value of $(0!)$?
 - a) 0
 - b) 1
 - c) Undefined
 - d) 2

4. What is the value of $(4!)$ divided by $(2!)$?
 - a) 2
 - b) 6
 - c) 12
 - d) 24

5. What is the value of $(3!)$ minus $(2!)$?
 - a) 1
 - b) 2
 - c) 3
 - d) 4

6. What is the value of $(6!)$ divided by $(3!)$?
 - a) 2
 - b) 18
 - c) 120

d) 5040

7. What is the value of $(3!)$ times $(1!)$?

- a) 1
- b) 3
- c) 4
- d) 6

8. What is the value of $(2!)$ plus $(1!)$?

- a) 3
- b) 4
- c) 1
- d) 2

9. What is the value of $(5!)$ minus $(3!)$?

- a) 114
- b) 720
- c) 15
- d) 240

10. What is the value of $(4!)$ plus $(3!)$?

- a) 5
- b) 10
- c) 30
- d) 120

11. What is the value of $(1!)$ divided by $(1!)$?

- a) 0
- b) 1
- c) 2
- d) Undefined

12. What is the value of $(2!)$ times $(0!)$?

- a) 0
- b) 1
- c) 2
- d) Infinity

13. What is the value of $(3!)$ divided by $(1!)$?

- a) 1
- b) 2
- c) 3
- d) 6

14. What is the value of $(4!)$ minus $(1!)$?

- a) 3
- b) 5
- c) 23
- d) 119

15. What is the value of $(5!)$ divided by $(4!)$?

- a) 0
- b) 1
- c) 4
- d) 5

16. What is the value of $(6!)$ minus $(4!)$?

- a) 30
- b) 48
- c) 480
- d) 4720

17. What is the value of $(1!)$ plus $(0!)$?

- a) 0
- b) 1
- c) 2

d) 3

18. What is the value of $(2!)$ times $(1!)$?

- a) 2
- b) 1
- c) 0
- d) 3

19. What is the value of $(3!)$ divided by $(2!)$?

- a) 1
- b) 2
- c) 3
- d) 6

20. What is the value of $(4!)$ plus $(2!)$?

- a) 10
- b) 20
- c) 26
- d) 30