

Logic Practice Worksheet

For Ages 8-10

Student Name: _____

Date: __July 01, 2025__

Score: _____ / _____

Instructions:

- Think carefully about each problem
- Look for patterns and connections
- Explain your thinking if possible

1. What is 8×7 ?

Answer: _____

2. A school starts at 8:30 AM. Students need 15 minutes to get from the bus to class. The bus ride takes 25 minutes. What's the latest the bus can leave home?

Answer: _____

3. Complete the pattern:

 9 15 21 27 - _____

Answer: _____

4. Complete the pattern:

 - _____

Answer: _____

5. Complete the pattern:

$$\textcircled{3} \quad \textcircled{12} \quad \textcircled{48} \quad - \quad \underline{\hspace{2cm}}$$

Answer: _____

6. Which one doesn't belong with geometric_shapes? triangle, loud, square, pentagon

Answer: _____

7. Which one doesn't belong with living_things? car, cat, flower, tree

Answer: _____

8. Which one doesn't belong with prime_numbers? 2, 5, 9, 13

Answer: _____

9. If it's true that 'All roses are flowers' and 'Some flowers are red', can we conclude that 'Some roses are red'?

Answer: _____

10. Three friends share 24 stickers equally. Then each friend gives away 2 stickers. How many stickers does each friend have now?

Answer: _____

11. Complete the pattern:

$$\textcircled{2} \quad \textcircled{5} \quad \textcircled{7} \quad - \quad \underline{\hspace{2cm}}$$

Answer: _____

12. In a race, Alex finished before Ben but after Carlos. Diana finished after Alex but before Ben. What is the order from first to last?

Answer: _____

13. If some students are athletes and all athletes are hardworking, what can we say about some students?

Answer: _____

14. Emma saves \$2 every week. After 6 weeks, she buys a book for \$8. How much money does she have left?

Answer: _____

15. Sarah has more books than Tom. Tom has more books than Lisa. Lisa has 5 books. Tom has 8 books. How many books might Sarah have?

Answer: _____

16. Complete the pattern:

 10 40 160 - _____

Answer: _____

17. Which one doesn't belong with fractions_equal_to_half? $\frac{1}{4}$, $\frac{3}{6}$, $\frac{2}{4}$, $\frac{1}{2}$

Answer: _____

18. Which one doesn't belong with renewable_energy? oil, solar, water, biomass

Answer: _____

19. If a movie starts at 7:30 PM and lasts 2 hours, when does it end?

Answer: _____

20. Complete the pattern:

 6 15 24 33 - _____

Answer: _____

21. Which one doesn't belong with planets? Earth, Mercury, comet, Saturn

Answer: _____

22. Complete the pattern:

 - _____

Answer: _____

23. Complete the pattern:

 7 28 112 - _____

Answer: _____

24. If all birds can fly, and a robin is a bird, can a robin fly?

Answer: _____

25. If it takes 3 minutes to boil one egg, how long does it take to boil 3 eggs in the same pot?

Answer: _____

26. Which one doesn't belong with multiples_of_3? 15, 3, 9, 2

Answer: _____

27. If the pattern is: Monday-1, Tuesday-2, Wednesday-3, what number comes with Friday?

Answer: _____

28. Complete the pattern:



Answer: _____

29. Complete the pattern:



Answer: _____

30. Complete the pattern:



Answer: _____

31. Complete the pattern:



Answer: _____

32. Every morning, Jake walks to school. Today is Monday morning. What will Jake do?

Answer: _____

33. Complete the pattern:



Answer: _____

34. Complete the pattern:



Answer: _____

35. If it's sunny, we might need _____

Answer: _____

36. A train leaves at 2:00 PM and takes 45 minutes to reach its destination. What time does it arrive?

Answer: _____

37. Which one doesn't belong with parts_of_speech? letter, noun, pronoun, adjective

Answer: _____

38. A farmer has 15 sheep. All but 9 run away. How many sheep are left?

Answer: _____

39. Which one doesn't belong with fractions_equal_to_half? $\frac{3}{6}$, $\frac{2}{4}$, $\frac{2}{3}$, $\frac{1}{2}$

Answer: _____

40. Which one doesn't belong with continents? South America, Australia, Brazil, North America

Answer: _____

Great job! Remember to check your work and ask questions if you need help.