

SAT Math Practice Questions - Set 3

1. Solve for x : $1x + 10 = 37$.

- A. 3
- B. 21.0
- C. 17
- D. None of the above

2. The area of a circle is 153.86 square units. What is its radius?

- A. 7
- B. 8
- C. 6
- D. None of the above

3. The area of a circle is 78.5 square units. What is its radius?

- A. 5
- B. 6
- C. 4
- D. None of the above

4. A rectangle has a width of 5 units and a perimeter of 46 units. What is its length?

- A. 18
- B. 23
- C. 5
- D. None of the above

5. Solve for x : $5x + 4 = 42$.

- A. 8
- B. 5.6

C. 17

D. None of the above

6. A rectangle has a width of 3 units and a perimeter of 22 units. What is its length?

A. 8

B. 11

C. 3

D. None of the above

7. The area of a circle is 254.34 square units. What is its radius?

A. 9

B. 10

C. 8

D. None of the above

8. The area of a circle is 907.46 square units. What is its radius?

A. 17

B. 18

C. 16

D. None of the above

9. The area of a circle is 78.5 square units. What is its radius?

A. 5

B. 6

C. 4

D. None of the above

10. The area of a circle is 153.86 square units. What is its radius?

A. 7

B. 8

C. 6

D. None of the above

11. Solve for x: $11x + 10 = 21$.

A. 5

B. 3.909090909090909

C. 14

D. None of the above

12. A rectangle has a width of 10 units and a perimeter of 46 units. What is its length?

A. 13

B. 23

C. 10

D. None of the above

13. The area of a circle is 1017.36 square units. What is its radius?

A. 18

B. 19

C. 17

D. None of the above

14. A rectangle has a width of 10 units and a perimeter of 50 units. What is its length?

A. 15

B. 25

C. 10

D. None of the above

15. Solve for x: $15x + 6 = 23$.

- A. 1
- B. 1.0666666666666667
- C. 13
- D. None of the above

16. A rectangle has a width of 7 units and a perimeter of 34 units. What is its length?

- A. 10
- B. 17
- C. 7
- D. None of the above

17. A rectangle has a width of 9 units and a perimeter of 44 units. What is its length?

- A. 13
- B. 22
- C. 9
- D. None of the above

18. The area of a circle is 803.84 square units. What is its radius?

- A. 16
- B. 17
- C. 15
- D. None of the above

19. The area of a circle is 1017.36 square units. What is its radius?

- A. 18
- B. 19
- C. 17
- D. None of the above

20. The area of a circle is 452.16 square units. What is its radius?

- A. 12
- B. 13
- C. 11
- D. None of the above

21. A rectangle has a width of 1 units and a perimeter of 20 units. What is its length?

- A. 9
- B. 10
- C. 1
- D. None of the above

22. The area of a circle is 314.0 square units. What is its radius?

- A. 10
- B. 11
- C. 9
- D. None of the above

23. The area of a circle is 706.5 square units. What is its radius?

- A. 15
- B. 16
- C. 14
- D. None of the above

24. The area of a circle is 200.96 square units. What is its radius?

- A. 8
- B. 9
- C. 7
- D. None of the above

25. The area of a circle is 379.94 square units. What is its radius?

- A. 11
- B. 12
- C. 10
- D. None of the above

26. The area of a circle is 530.66 square units. What is its radius?

- A. 13
- B. 14
- C. 12
- D. None of the above

27. A rectangle has a width of 2 units and a perimeter of 10 units. What is its length?

- A. 3
- B. 5
- C. 2
- D. None of the above

28. A rectangle has a width of 8 units and a perimeter of 22 units. What is its length?

- A. 3
- B. 11
- C. 8
- D. None of the above

29. A rectangle has a width of 2 units and a perimeter of 32 units. What is its length?

- A. 14
- B. 16
- C. 2
- D. None of the above

30. Solve for x: $30x + 1 = 29$.

A. 7

B. 1.2333333333333334

C. 11

D. None of the above

31. Solve for x: $31x + 10 = 39$.

A. 1

B. 0.7096774193548387

C. 15

D. None of the above

32. The area of a circle is 530.66 square units. What is its radius?

A. 13

B. 14

C. 12

D. None of the above

33. The area of a circle is 452.16 square units. What is its radius?

A. 12

B. 13

C. 11

D. None of the above

34. Solve for x: $34x + 5 = 20$.

A. 2

B. 0.38235294117647056

C. 18

D. None of the above

35. Solve for x: $35x + 4 = 33$.

A. 5

B. 0.9714285714285714

C. 12

D. None of the above

36. The area of a circle is 113.04 square units. What is its radius?

A. 6

B. 7

C. 5

D. None of the above

37. A rectangle has a width of 6 units and a perimeter of 36 units. What is its length?

A. 12

B. 18

C. 6

D. None of the above

38. Solve for x: $38x + 7 = 32$.

A. 8

B. 1.0

C. 16

D. None of the above

39. The area of a circle is 200.96 square units. What is its radius?

A. 8

B. 9

C. 7

D. None of the above

40. The area of a circle is 530.66 square units. What is its radius?

- A. 13
- B. 14
- C. 12
- D. None of the above

41. A rectangle has a width of 4 units and a perimeter of 28 units. What is its length?

- A. 10
- B. 14
- C. 4
- D. None of the above

42. A rectangle has a width of 5 units and a perimeter of 44 units. What is its length?

- A. 17
- B. 22
- C. 5
- D. None of the above

43. A rectangle has a width of 9 units and a perimeter of 40 units. What is its length?

- A. 11
- B. 20
- C. 9
- D. None of the above

44. Solve for x: $44x + 7 = 38$.

- A. 6
- B. 0.29545454545454547
- C. 19
- D. None of the above

45. The area of a circle is 254.34 square units. What is its radius?

- A. 9
- B. 10
- C. 8
- D. None of the above

46. Solve for x: $46x + 6 = 34$.

- A. 6
- B. 0.7608695652173914
- C. 19
- D. None of the above

47. The area of a circle is 530.66 square units. What is its radius?

- A. 13
- B. 14
- C. 12
- D. None of the above

48. The area of a circle is 1256.0 square units. What is its radius?

- A. 20
- B. 21
- C. 19
- D. None of the above

49. Solve for x: $49x + 10 = 21$.

- A. 1
- B. 0.8979591836734694
- C. 14
- D. None of the above

50. The area of a circle is 1133.54 square units. What is its radius?

A. 19

B. 20

C. 18

D. None of the above