

50. 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

SAT Math Practice Questions - Set 5

1. 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

2. 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

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 4 units and a perimeter of 12 units. What is its length?

- A. 2
- B. 6
- C. 4
- D. None of the above

5. Solve for x: $5x + 2 = 31$.

- A. 8
- B. 8.6

C. 16

D. None of the above

6. 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

7. 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

8. Solve for x: $8x + 4 = 33$.

A. 5

B. 2.25

C. 12

D. None of the above

9. Solve for x: $9x + 3 = 39$.

A. 10

B. 3.4444444444444446

C. 12

D. None of the above

10. Solve for x: $10x + 1 = 26$.

A. 4

B. 4.7

C. 12

D. None of the above

11. A rectangle has a width of 6 units and a perimeter of 26 units. What is its length?

A. 7

B. 13

C. 6

D. None of the above

12. 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

13. Solve for x: $13x + 4 = 50$.

A. 7

B. 2.1538461538461537

C. 15

D. None of the above

14. A rectangle has a width of 3 units and a perimeter of 16 units. What is its length?

A. 5

B. 8

C. 3

D. None of the above

15. A rectangle has a width of 2 units and a perimeter of 26 units. What is its length?

- A. 11
- B. 13
- C. 2
- D. None of the above

16. A rectangle has a width of 10 units and a perimeter of 58 units. What is its length?

- A. 19
- B. 29
- C. 10
- D. None of the above

17. Solve for x: $17x + 10 = 41$.

- A. 6
- B. 1.0
- C. 15
- D. None of the above

18. A rectangle has a width of 8 units and a perimeter of 38 units. What is its length?

- A. 11
- B. 19
- C. 8
- D. None of the above

19. Solve for x: $19x + 8 = 35$.

- A. 3
- B. 0.8421052631578947
- C. 10
- D. None of the above

20. 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

21. A rectangle has a width of 1 units and a perimeter of 38 units. What is its length?

- A. 18
- B. 19
- C. 1
- D. None of the above

22. A rectangle has a width of 6 units and a perimeter of 38 units. What is its length?

- A. 13
- B. 19
- C. 6
- D. None of the above

23. 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

24. A rectangle has a width of 1 units and a perimeter of 14 units. What is its length?

- A. 6
- B. 7
- C. 1
- 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. Solve for x: $26x + 4 = 49$.

- A. 8
- B. 0.8461538461538461
- C. 15
- D. None of the above

27. 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

28. A rectangle has a width of 2 units and a perimeter of 42 units. What is its length?

- A. 19
- B. 21
- C. 2
- D. None of the above

29. 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

30. A rectangle has a width of 1 units and a perimeter of 30 units. What is its length?

- A. 14
- B. 15
- C. 1
- D. None of the above

31. Solve for x: $31x + 4 = 30$.

- A. 9
- B. 1.064516129032258
- C. 12
- D. None of the above

32. 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

33. Solve for x: $33x + 5 = 41$.

- A. 6
- B. 0.7878787878787878
- C. 11
- D. None of the above

34. 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

35. The area of a circle is 615.44 square units. What is its radius?

- A. 14
- B. 15
- C. 13
- D. None of the above

36. A rectangle has a width of 3 units and a perimeter of 10 units. What is its length?

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

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

- A. 7
- B. 0.4594594594594595
- C. 19
- D. None of the above

38. A rectangle has a width of 5 units and a perimeter of 40 units. What is its length?

- A. 15
- B. 20
- C. 5
- D. None of the above

39. 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

40. Solve for x: $40x + 1 = 49$.

- A. 1
- B. 0.925
- C. 15
- D. None of the above

41. Solve for x: $41x + 3 = 43$.

- A. 10
- B. 1.146341463414634
- C. 20
- D. None of the above

42. A rectangle has a width of 2 units and a perimeter of 16 units. What is its length?

- A. 6
- B. 8
- C. 2
- D. None of the above

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

- A. 5
- B. 11
- C. 6
- D. None of the above

44. Solve for x: $44x + 7 = 29$.

- A. 3
- B. 0.5454545454545454
- C. 12
- D. None of the above

45. 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

46. A rectangle has a width of 6 units and a perimeter of 44 units. What is its length?

- A. 16
- B. 22
- C. 6
- D. None of the above

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

- A. 16
- B. 21
- C. 5
- D. None of the above

48. A rectangle has a width of 3 units and a perimeter of 14 units. What is its length?

- A. 4
- B. 7
- C. 3
- D. None of the above

49. A rectangle has a width of 9 units and a perimeter of 30 units. What is its length?

- A. 6
- B. 15
- C. 9
- D. None of the above

50. 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