

Placement Test for Saxon 6/5 & Saxon 7/6

Instructions

1. **Critical!** Read the instructions for your student's grade level here: [Important Placement Information](#)
2. Take the test for the course recommended in the article in Step 1 above.
Please note: There is no Placement Test for Saxon 5/4. Instead, see: [Saxon 5/4 Placement](#)
3. For all other Placement Tests, see: [Tests](#)
4. A parent or teacher should supervise the student, but should not help or "guide".
5. **Time Limit:** 1 Hour
6. No calculator.
7. If the student cannot answer 3 or more questions in a row, stop the test.
8. The student should show their work on a separate piece of paper. Look over the student's handwritten work carefully when grading the test.
9. Grade the test using the Answer Key on page 4.

Placement Guide

Saxon 6/5 Placement Test	
17 or More Correct:	Saxon 6/5 Third Edition + DIVE Video Lessons
Less than 17 Correct:	Saxon 5/4, Third Edition + DIVE Video Lesson
Saxon 7/6 Placement Test	
17 or More Correct:	Saxon 7/6 Fourth Edition + DIVE Video Lessons
Less than 17 Correct:	Saxon 6/5 Third Edition + DIVE Video Lessons

Need help? [CONTACT A PLACEMENT CONSULTANT](#)

Saxon 6/5 Placement Test

1. Mae-Ying bought a package of paper priced at \$1.98 and 2 pens priced at \$0.49 each. The tax on the entire purchase was 18¢. What was the total cost of the items?
2. Seventy-five beans were equally divided into five pots. How many beans were in each pot?
3. Robo could run 7 miles in 1 hour. At that rate, how many miles could Robo run in 3 hours?
4. At 11:45 A.M. Jason glanced at the clock. His doctor's appointment was in $2\frac{1}{2}$ hours. At what time was his appointment?
5. Find the sixth number in this counting sequence: 7, 14, 21, . . .

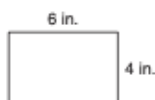
6. Write the number of shaded rectangles shown as a mixed number.



7. Twenty-five percent of this square is shaded. What percent of the square is not shaded?

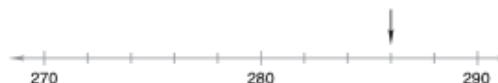


8. What is the perimeter of this rectangle?



9. A square has one side that is 7 inches long. What is the area of the square?

10. To what number is the arrow pointing?



11. $4.2 + 3.5 + 0.25 + 4.0$

12.
$$\begin{array}{r} 460 \\ \times 9 \\ \hline \end{array}$$

13. $6 \overline{)3795}$

14. $6 \times 4 \times 10$

15.
$$\begin{array}{r} \$4.86 \\ + \$2.95 \\ \hline \end{array}$$

Find each missing number for 16–17:

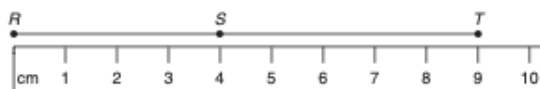
16.
$$\begin{array}{r} z \\ + 179 \\ \hline 496 \end{array}$$

17.
$$\begin{array}{r} 67 \\ - B \\ \hline 16 \end{array}$$

18. Use digits to write the number three hundred forty-three.

19. Which digit in 6.125 is in the hundredths place?

20. What is the length of $\overline{ST}$?



Saxon 7/6 Placement Test

Please note, this test should start with Question #21.

21. In 2 hours the 3 boys picked a total of 1347 cherries. If they share the cherries evenly, then each boy will get how many cherries?

22. After paying \$7.50 for a movie ticket, Salvador still had \$3.75. How much money did Salvador have before paying for a ticket?

23. When three new members joined the club, the number of members increased to 28. How many members were in the club before the new members arrived?

24. Adriana's age is $\frac{1}{3}$ of her dad's age. If her dad is 36 years old, how old is Adriana?

25. Estimate the sum of 672 and 830 by rounding to the nearest hundred before adding.

26. Use digits to write eight hundred eighteen thousand, eighty.

27.
$$\begin{array}{r} \$2.54 \\ 5.36 \\ + 0.75 \\ \hline \end{array}$$

28. $7 \times 8 \times 10$

29.
$$\begin{array}{r} 4287 \\ \times 5 \\ \hline \end{array}$$

30. $3647 \div 6$

31.
$$\begin{array}{r} 41,026 \\ - 39,543 \\ \hline \end{array}$$

32. $30m = 6000$ Find m .

33. $\$10 - (\$5.80 + 28\text{¢})$

34. $1\frac{3}{4} + 1\frac{3}{4}$

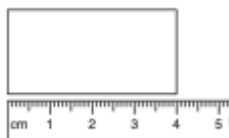
35. $\frac{7}{25} = \frac{\square}{100}$

36. Half of 100 is 50, and half of 50 is 25.
What number is half of 25?

37. A stop sign is the shape of an octagon. An octagon has how many sides?

38. What are the next three terms in this counting sequence?
..., 2700, 2800, 2900, ____, ____, ____, ...

39. This rectangle is half as wide as it is long.
What is the perimeter of the rectangle?



40. The length of segment AC is 78 millimeters. If BC is 29 millimeters, then what is the length of segment AB?



Answer Key

- | | |
|-------------------|-------------------------|
| 1. \$3.14 | 31. 1483 |
| 2. 15 beans | 32. 200 |
| 3. 21 miles | 33. \$3.92 |
| 4. 2:15 P.M. | 34. $3\frac{1}{2}$ |
| 5. 42 | 35. 28 |
| 6. $3\frac{1}{6}$ | 36. $12\frac{1}{2}$ |
| 7. 75% | 37. 8 sides |
| 8. 20 in. | 38. 3000, 3100,
3200 |
| 9. 49 sq. in. | 39. 12 cm |
| 10. 286 | 40. 49 mm |
| 11. 11.95 | |
| 12. 4140 | |
| 13. 632 R3 | |
| 14. 240 | |
| 15. \$7.81 | |
| 16. 317 | |
| 17. 51 | |
| 18. 343 | |
| 19. 2 | |
| 20. 5 cm | |
| 21. 449 cherries | |
| 22. \$11.25 | |
| 23. 25 members | |
| 24. 12 years old | |
| 25. 1500 | |
| 26. \$818,080 | |
| 27. \$8.65 | |
| 28. 560 | |
| 29. 21,435 | |
| 30. 607 R5 | |