Number Theory
Skill 4 – 7D

Square Numbers

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1. Which is not a square number?

    A. 1   **B**. 4   **C.** 9   **D.** 16   **E.** 21   **F.** 36

A square number is made by multiplying a number by itself. Nine is a square number because 3 x 3 = 9. The number above that is not a square number is 21.

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2. Which number is the square root of 25?

         A. 4   **B.** 3   **C.** 2   **D.** 5

The number 5 is the square root of 25 because 5 x 5 = 25.

Directions: In each row below there are 7 numbers. Some of them are square numbers. Circle the square numbers.

1.	4	10	6	9	8	5	7
2.	3	5	9	12	16	7	6
3.	3	9	6	12	5	8	16
4.	1	4	5	49	9	10	15
5.	3	4	5	9	2	8	16
6.	81	8	7	32	16	8	12
7.	25	28	9	16	32	14	36

Number Theory
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Square Numbers

1. Which number is the square root of 9?

       4   **7**   **3**   **2**

2. Which number is the square root of 4?

       3   **1**   **2**   **4**

3. Which number is the square root of 100?

       12   **15**   **20**   **10**

4. Which number is the square root of 81?

       8   **9**   **7**   **12**

5. Which number is the square root of 16?

       3   **2**   **4**   **5**

6. Which number is the square root of 25?

       5   **6**   **3**   **7**

7. Which number is the square root of 49?

       5   **7**   **6**   **12**

8. Which number is the square root of 64?

       7   **5**   **9**   **8**

9. Which number is the square root of 36?

       7   **8**   **6**   **5**

10. Which number is the square root of 16?

       3   **5**   **4**   **6**

Answer Key
Skill 4 – 7D

List of first 10 Square Numbers

Square	Square Roots	Square	Square Roots
1	1 x 1	36	6 x 6
4	2 x 2	49	7 x 7
9	3 x 3	64	8 x 8
16	4 x 4	81	9 x 9
25	5 x 5	100	10 x 10

Directions: In each row below there are 7 numbers. Some of them are square numbers. Circle the square numbers. THE SQUARE NUMBERS ARE UNDERLINED.

1. **4** 10 6 **9** 8 5 7

2. 3 5 **9** 12 **16** 7 6

3. 3 **9** 6 12 5 8 **16**

4. **1** **4** 5 **49** **9** 10 15

5. 3 **4** 5 **9** 2 8 **16**

6. **81** 8 7 32 **16** 8 12

7. **25** 28 **9** **16** 32 14 **36**

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    4   7   **3**   2

2. Which number is the square root of 4?
    3   1   **2**   4

3. Which number is the square root of 100?
    12   15   20   **10**

4. Which number is the square root of 81?
    8   **9**   7   12

5. Which number is the square root of 16?
    3   2   **4**   5

6. Which number is the square root of 25?
    5   6   3   7

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7. Which number is the square root of 49?

      5   **7**   6   12

8. Which number is the square root of 64?

      7   5   9   **8**

9. Which number is the square root of 36?

      7   8   **6**   5

10. Which number is the square root of 16?

      3   5   **4**   6