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Number Theory Skill 4 – 7D

Square Numbers

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 $3 \times 3 = 9$. The number above that is not a square number is 21.

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 $5 \times 5 = 25$.

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

1.

2.

3.

4.

5.

6.

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Number Theory Skill 4 – 7D

Square Numbers				
1. Which number is t	the square root of	of 9?		
	4	7	3	2
2. Which number is t	he square root o	of 4?		
	3	1	2	4
3. Which number is t	he square root o	of 100?		
	12	15	20	10
4. Which number is t	he square root o	of 81?		
	8	9	7	12
5. Which number is t	he square root o	of 16?		
	3	2	4	5
6. Which number is t	he square root o	of 25?		
	5	6	3	7
7. Which number is t	he square root o	of 49?		
	5	7	6	12
8. Which number is t	he square root o	of 64?		
	7	5	9	8
9. Which number is t	he square root o	of 36?		
	7	8	6	5
10. Which number is	the square root	of 16?		
	3	5	4	6
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Answer Key Skill 4 – 7D

List of first 10 Square Numbers

Square Roots

1 x 1

Square

1

6. Which number is the square root of 25?

Square

36

Square Roots

6 x 6

	4		2 x 2		49	7	x 7	
	9		3 x 3		64	8	8 x 8	
	16		4 x 4		81		9 x 9	
	25		5 x 5		100		10 x 10	
			there are 7 nu ARE NUMBE			e square numb	oers. Circle	
1.	<u>4</u>	10	6	<u>9</u>	8	5	7	
2.	3	5	<u>9</u>	12	<u>16</u>	7	6	
3.	3	<u>9</u>	6	12	5	8	<u>16</u>	
4.	<u>1</u>	<u>4</u>	5	<u>49</u>	<u>9</u>	10	15	
5.	3	<u>4</u>	5	<u>9</u>	2	8	<u>16</u>	
6.	<u>81</u>	8	7	32	<u>16</u>	8	12	
7.	<u>25</u>	28	<u>9</u>	<u>16</u>	32	14	<u>36</u>	
PAGE 1. Whi		is the square	root of 9?					
		4	7	<u>3</u>		2		
2. Whi	ch number	is the square	root of 4?					
		3	1	<u>2</u>		4		
3. Whi	ch number	is the square	root of 100?	_				
		12	15	20)	<u>10</u>		
4. Whi	ch number	is the square						
		8	<u>9</u>	7		12		
5. Whi	ch number	is the square						
J. VVIII		3	2	<u>4</u>		5		
		J	_	그		J		

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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		
7. Which number is the square root of 402					

25	5 x 5	100	10
7. Which number is the	square root of 49?		
5	<u>7</u>	6	12
8. Which number is the	square root of 64?		
7	7 5	9	<u>8</u>
9. Which number is the	square root of 36?		
7	7 8	<u>6</u>	5
10. Which number is the	e square root of 16?		
	3 5	<u>4</u>	6
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