Solve each problem.			Answers
1)	How many vertices does a cube have?	1.	
2)	How many faces does a rectangular prism have?	2.	
3)	How many faces does a rectangular pyramid have?	3.	
4)	How many vertices does a rectangular pyramid have?	4.	
5)	How many edges does a triangular prism have?	5.	
6)	How many faces does a triangular prism have?	6.	
7)	How many edges does a cube have?	7.	
8)	How many vertices does a sphere have?	8.	
9)	How many vertices does a rectangular pyramid have?	9 10.	
10)	How many edges does a rectangular prism have?	11.	
11)	How many edges does a sphere have?	12.	
12)	How many edges does a rectangular pyramid have?	13.	
13)	How many faces does a rectangular pyramid have?	14.	
14)	How many edges does a rectangular pyramid have?	15.	
15)	How many faces does a cube have?	16.	
16)	How many faces does a sphere have?	17.	
<b>17</b> )	How many vertices does a rectangular prism have?	18.	
18)	How many vertices does a triangular prism have?		

**Answer Key** Name:

Solv	Solve each problem.		<b>Answers</b>
1)	How many vertices does a cube have?	1	8
2)	How many faces does a rectangular prism have?	2	6
3)	How many faces does a rectangular pyramid have?	3	5
4)	How many vertices does a rectangular pyramid have?	4	4
5)	How many edges does a triangular prism have?	5	9
6)	How many faces does a triangular prism have?	6	5
7)	How many edges does a cube have?	7	12
8)	How many vertices does a sphere have?	8	0
9)	How many vertices does a rectangular pyramid have?	9	5
10)	How many edges does a rectangular prism have?	10. <sub>-</sub>	12 0
11)	How many edges does a sphere have?	12	8
12)	How many edges does a rectangular pyramid have?	13	4
13)	How many faces does a rectangular pyramid have?	14	6
14)	How many edges does a rectangular pyramid have?	15	6
15)	How many faces does a cube have?	16	1
16)	How many faces does a sphere have?	17	8
<b>17</b> )	How many vertices does a rectangular prism have?	18	6
18)	How many vertices does a triangular prism have?		

1

Solv	re each problem.	Answers
1)	How many faces does a triangular prism have?	1.
2)	How many vertices does a triangular prism have?	2.
3)	How many edges does a rectangular pyramid have?	3
4)	How many faces does a rectangular pyramid have?	4
5)	How many edges does a rectangular prism have?	5
6)	How many vertices does a cube have?	6
7)	How many vertices does a sphere have?	7
8)	How many faces does a sphere have?	8
9)	How many vertices does a rectangular prism have?	9
10)	How many vertices does a rectangular pyramid have?	11.
11)	How many edges does a triangular prism have?	12
12)	How many edges does a sphere have?	13
13)	How many faces does a rectangular pyramid have?	14
14)	How many faces does a rectangular prism have?	15
15)	How many vertices does a rectangular pyramid have?	16
16)	How many edges does a cube have?	17
17)	How many edges does a rectangular pyramid have?	18
18)	How many faces does a cube have?	

Solv	e each problem.		<u>Answers</u>
1)	How many faces does a triangular prism have?	1.	5
2)	How many vertices does a triangular prism have?	2	6
3)	How many edges does a rectangular pyramid have?	3	8
4)	How many faces does a rectangular pyramid have?	4	5
5)	How many edges does a rectangular prism have?	5	12
<b>6</b> )	How many vertices does a cube have?	6	8
7)	How many vertices does a sphere have?	7	0
8)	How many faces does a sphere have?	8	1
	How many vertices does a rectangular prism have?	9	8
		10	5
10)	How many vertices does a rectangular pyramid have?	11	9
11)	How many edges does a triangular prism have?	12	0
12)	How many edges does a sphere have?	13	4
13)	How many faces does a rectangular pyramid have?	14	6
14)	How many faces does a rectangular prism have?	15	4
15)	How many vertices does a rectangular pyramid have?	16	12
16)	How many edges does a cube have?	17	6
<b>17</b> )	How many edges does a rectangular pyramid have?	18	6
18)	How many faces does a cube have?		

	Characteristics of 3d Shapes (Word) Name.	
Solv	e each problem.	Answers
1)	How many vertices does a rectangular prism have?	1
2)	How many faces does a rectangular prism have?	2
3)	How many edges does a rectangular prism have?	3
4)	How many vertices does a cube have?	4
5)	How many faces does a triangular prism have?	5
6)	How many vertices does a sphere have?	6
7)	How many faces does a rectangular pyramid have?	7
8)	How many faces does a sphere have?	8
9)	How many edges does a sphere have?	9
10)	How many edges does a rectangular pyramid have?	11.
11)	How many vertices does a rectangular pyramid have?	12
12)	How many vertices does a triangular prism have?	13
13)	How many vertices does a rectangular pyramid have?	14
14)	How many edges does a cube have?	15
15)	How many edges does a rectangular pyramid have?	16
16)	How many faces does a cube have?	17
17)	How many faces does a rectangular pyramid have?	18
18)	How many edges does a triangular prism have?	

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Solv	e each problem.		<u>Answers</u>
1)	How many vertices does a rectangular prism have?	1	8
2)	How many faces does a rectangular prism have?	2	6
3)	How many edges does a rectangular prism have?	3	12
4)	How many vertices does a cube have?	4	8
5)	How many faces does a triangular prism have?	5	5
6)	How many vertices does a sphere have?	6	0
7)	How many faces does a rectangular pyramid have?	7	5
8)	How many faces does a sphere have?	8	1
9)	How many edges does a sphere have?	9	0
10)	How many edges does a rectangular pyramid have?	10	5
11)	How many vertices does a rectangular pyramid have?	12.	6
12)	How many vertices does a triangular prism have?	13	4
13)	How many vertices does a rectangular pyramid have?	14	12
14)	How many edges does a cube have?	15	8
15)	How many edges does a rectangular pyramid have?	16	6
16)	How many faces does a cube have?	17	4
17)	How many faces does a rectangular pyramid have?	18	9
18)	How many edges does a triangular prism have?		

How many vertices does a cube have?

Solv	e each problem.		<u>Answers</u>
1)	How many edges does a rectangular prism have?	1	12
2)	How many vertices does a rectangular prism have?	2	8
3)	How many faces does a sphere have?	3	1
4)	How many faces does a cube have?	4	6
5)	How many edges does a sphere have?	5	0
6)	How many vertices does a sphere have?	6	0
<b>7</b> )	How many faces does a rectangular pyramid have?	7	4
8)	How many vertices does a rectangular pyramid have?	8	4
9)	How many faces does a rectangular prism have?	9	6
		10	12
10)	How many edges does a cube have?	11.	9
11)	How many edges does a triangular prism have?	12.	5
12)	How many faces does a triangular prism have?	13	5
13)	How many vertices does a rectangular pyramid have?	14	5
14)	How many faces does a rectangular pyramid have?	15	6
15)	How many vertices does a triangular prism have?	16	8
16)	How many edges does a rectangular pyramid have?	17	6
		18	8
1/)	How many edges does a rectangular pyramid have?		
18)	How many vertices does a cube have?		

How many vertices does a rectangular pyramid have?

Solv	Solve each problem.		<u>Answers</u>
1)	How many faces does a cube have?	1	6
2)	How many edges does a rectangular prism have?	2	12
3)	How many vertices does a cube have?	3	8
4)	How many vertices does a triangular prism have?	4	6
5)	How many edges does a rectangular pyramid have?	5	8
6)	How many faces does a rectangular pyramid have?	6	5
7)	How many vertices does a rectangular pyramid have?	7	5
8)	How many faces does a rectangular prism have?	8	6
9)	How many vertices does a rectangular prism have?	9	<u> </u>
10)	How many faces does a triangular prism have?	10. <sub>-</sub>	
11)	How many faces does a sphere have?	12	0
12)	How many edges does a sphere have?	13	12
13)	How many edges does a cube have?	14	0
14)	How many vertices does a sphere have?	15	4
15)	How many faces does a rectangular pyramid have?	16	9
16)	How many edges does a triangular prism have?	17	6
17)	How many edges does a rectangular pyramid have?	18	4
18)	How many vertices does a rectangular pyramid have?		

Solve each problem.			Answers
1)	How many vertices does a triangular prism have?	1.	
2)	How many vertices does a rectangular prism have?	2.	
3)	How many edges does a rectangular pyramid have?	3.	
4)	How many faces does a rectangular pyramid have?	4	
5)	How many faces does a rectangular pyramid have?	5	
6)	How many vertices does a rectangular pyramid have?	6.	
7)	How many edges does a rectangular pyramid have?	7	
8)	How many faces does a rectangular prism have?	8.	
9)	How many faces does a sphere have?	9	
10)	How many edges does a rectangular prism have?	11.	
11)	How many edges does a sphere have?	12.	
12)	How many faces does a triangular prism have?	13.	
13)	How many edges does a triangular prism have?	14.	
14)	How many edges does a cube have?	15.	
15)	How many vertices does a cube have?	16.	
16)	How many vertices does a sphere have?	17.	
<b>17</b> )	How many faces does a cube have?	18.	
18)	How many vertices does a rectangular pyramid have?		

Solv	e each problem.		<u>Answers</u>
1)	How many vertices does a triangular prism have?	1	6
2)	How many vertices does a rectangular prism have?	2	8
3)	How many edges does a rectangular pyramid have?	3	6
4)	How many faces does a rectangular pyramid have?	4	4
5)	How many faces does a rectangular pyramid have?	5	5
<b>6</b> )	How many vertices does a rectangular pyramid have?	6	5
7)	How many edges does a rectangular pyramid have?	7	8
8)	How many faces does a rectangular prism have?	8	6
9)	How many faces does a sphere have?	9	1
10)	How many edges does a rectangular prism have?	10	12
11)	How many edges does a sphere have?	11 12.	5
12)	How many faces does a triangular prism have?	13	9
13)	How many edges does a triangular prism have?	14	12
14)	How many edges does a cube have?	15	8
15)	How many vertices does a cube have?	16	0
16)	How many vertices does a sphere have?	17	6
<b>17</b> )	How many faces does a cube have?	18	4
	How many vertices does a rectangular pyramid have?		

Solv	e each problem.	<u>Answers</u>
1)	How many edges does a rectangular prism have?	1
2)	How many edges does a sphere have?	2
3)	How many vertices does a triangular prism have?	3
4)	How many faces does a rectangular prism have?	4
5)	How many faces does a rectangular pyramid have?	5
<b>6</b> )	How many edges does a rectangular pyramid have?	6
7)	How many edges does a triangular prism have?	7
8)	How many faces does a rectangular pyramid have?	8
9)	How many edges does a rectangular pyramid have?	9
10)	How many vertices does a sphere have?	11.
11)	How many faces does a cube have?	12.
12)	How many faces does a sphere have?	13.
13)	How many edges does a cube have?	14
14)	How many vertices does a rectangular prism have?	15
15)	How many vertices does a cube have?	16
16)	How many vertices does a rectangular pyramid have?	17
<b>17</b> )	How many vertices does a rectangular pyramid have?	18
18)	How many faces does a triangular prism have?	

<b>501</b> V	e each problem.		<u>Answers</u>
1)	How many edges does a rectangular prism have?	1	12
2)	How many edges does a sphere have?	2	0
3)	How many vertices does a triangular prism have?	3	6
4)	How many faces does a rectangular prism have?	4	6
5)	How many faces does a rectangular pyramid have?	5	4
6)	How many edges does a rectangular pyramid have?	6	6
7)	How many edges does a triangular prism have?	7	9
8)	How many faces does a rectangular pyramid have?	8	5
9)	How many edges does a rectangular pyramid have?	9	8
10)	How many vertices does a sphere have?	10	6
11)	How many faces does a cube have?	11	1
12)	How many faces does a sphere have?	13.	12
13)	How many edges does a cube have?	14	8
14)	How many vertices does a rectangular prism have?	15	8
15)	How many vertices does a cube have?	16	5
16)	How many vertices does a rectangular pyramid have?	17	4
<b>17</b> )	How many vertices does a rectangular pyramid have?	18	5
18)	How many faces does a triangular prism have?		

Ud	Characteristics of 3d Shapes (Word) Name:	
Solv	re each problem.	Answers
1)	How many vertices does a rectangular prism have?	1
2)	How many faces does a rectangular prism have?	2
3)	How many faces does a sphere have?	3
4)	How many edges does a cube have?	4
5)	How many faces does a rectangular pyramid have?	5
6)	How many edges does a triangular prism have?	6
7)	How many vertices does a triangular prism have?	7
8)	How many edges does a sphere have?	8
9)	How many faces does a triangular prism have?	9
10)	How many edges does a rectangular prism have?	11
11)	How many vertices does a rectangular pyramid have?	12
12)	How many vertices does a sphere have?	13
13)	How many faces does a cube have?	14
14)	How many faces does a rectangular pyramid have?	15
15)	How many edges does a rectangular pyramid have?	16
16)	How many vertices does a cube have?	17
17)	How many edges does a rectangular pyramid have?	18
18)	How many vertices does a rectangular pyramid have?	

Solve each problem.			Answers
			Allsweis
1)	How many vertices does a rectangular prism have?	1	8
2)	How many faces does a rectangular prism have?	2	6
3)	How many faces does a sphere have?	3.	1
4)	How many edges does a cube have?	] 3. <u>-</u>	12
-/	Trow many eages does a cube have.	-	12
5)	How many faces does a rectangular pyramid have?	5	4
6)	How many edges does a triangular prism have?	6	9
7)	How many vertices does a triangular prism have?	7	6
		8.	0
8)	How many edges does a sphere have?	9.	5
9)	How many faces does a triangular prism have?	-	12
10)		10	12
10)	How many edges does a rectangular prism have?	11	4
11)	How many vertices does a rectangular pyramid have?	12	0
12)	How many vertices does a sphere have?	13.	6
13)	How many faces does a cube have?	14	5 6
ŕ		-	
14)	How many faces does a rectangular pyramid have?	15	6
15)	How many edges does a rectangular pyramid have?	16	8
16)	How many vertices does a cube have?	17. <sub>-</sub>	8
<del>-</del> 9)	Tiow many vertices does a cube nave.	10	5
<b>17</b> )	How many edges does a rectangular pyramid have?	10	
18)	How many vertices does a rectangular pyramid have?		

13) How many edges does a triangular prism have?

14) How many edges does a rectangular pyramid have?

**15)** How many vertices does a sphere have?

**16)** How many faces does a cube have?

17) How many faces does a triangular prism have?

**18**) How many edges does a rectangular prism have?

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14.

17. \_\_\_\_\_

18.

SULV	e each problem.		Answers
1)	How many vertices does a cube have?	1.	8
2)	How many edges does a cube have?	2	12
3)	How many vertices does a triangular prism have?	3	6
4)	How many faces does a sphere have?	4	1
5)	How many vertices does a rectangular prism have?	5	8
6)	How many edges does a sphere have?	6	0
7)	How many faces does a rectangular prism have?	7	6
8)	How many faces does a rectangular pyramid have?	8	5
9)	How many vertices does a rectangular pyramid have?	9	5
10)	How many vertices does a rectangular pyramid have?	10	4
11)	How many faces does a rectangular pyramid have?	11.	8
12)	How many edges does a rectangular pyramid have?	12. <sub>-</sub>	9
13)	How many edges does a triangular prism have?	14.	6
14)	How many edges does a rectangular pyramid have?	15.	0
15)	How many vertices does a sphere have?	16.	6
16)	How many faces does a cube have?	17. <sub>-</sub>	5
	How many faces does a triangular prism have?	18.	12
	How many edges does a rectangular prism have?		

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**18**) How many faces does a triangular prism have?

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Solve each problem.			<u>Answers</u>
1)	How many vertices does a cube have?	1	8
2)	How many vertices does a rectangular pyramid have?	2	4
3)	How many edges does a rectangular prism have?	3	12
4)	How many vertices does a sphere have?	4	0
5)	How many faces does a rectangular pyramid have?	5	5
6)	How many vertices does a triangular prism have?	6	6
7)	How many vertices does a rectangular pyramid have?	7	5
8)	How many edges does a triangular prism have?	8	9
9)	How many edges does a sphere have?	9	0
10)	How many edges does a rectangular pyramid have?	10. –	8
11)	How many edges does a rectangular pyramid have?	12.	4
12)	How many faces does a rectangular pyramid have?	13	6
13)	How many faces does a rectangular prism have?	14	8
14)	How many vertices does a rectangular prism have?	15	1
15)	How many faces does a sphere have?	16	12
16)	How many edges does a cube have?	17	6
<b>17</b> )	How many faces does a cube have?	18	5
18)	How many faces does a triangular prism have?		