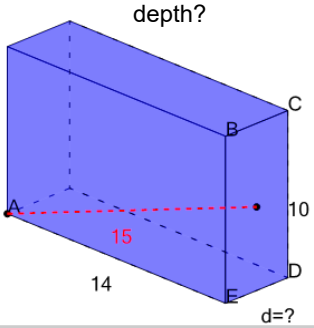
Name

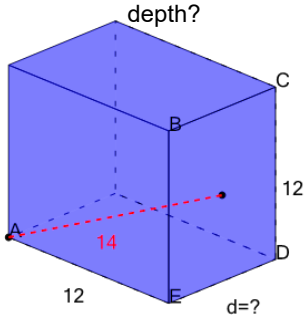
Pythagorean Theorem 3D - Prism - Hypotenuse to Dimension (Half Height, Half Depth)

1 The distance from point A to the center of face BCDE is 15. What is the depth?



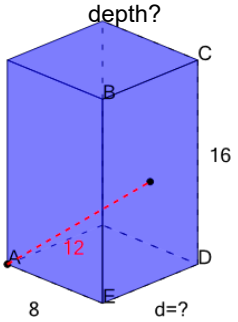
A	B	C
11	13	4
D	**E**	**F**
10	5	3

2 The distance from point A to the center of face BCDE is 14. What is the depth?



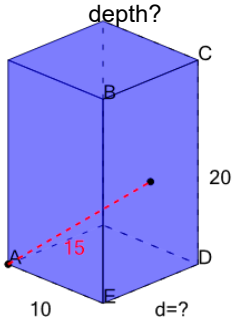
A	B	C
6	7	12
D	**E**	**F**
9	8	10

3 The distance from point A to the center of face BCDE is 12. What is the depth?



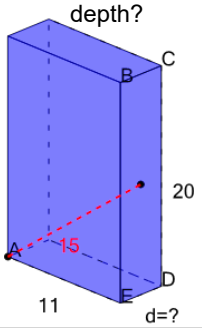
A	B	C
3	4	1
D	**E**	**F**
8	15	13

4 The distance from point A to the center of face BCDE is 15. What is the depth?



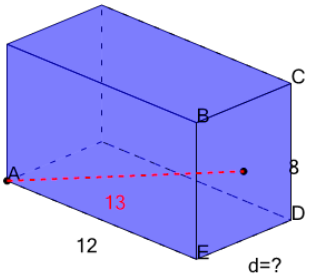
A	B	C
2	13	4
D	**E**	**F**
15	5	10

5 The distance from point A to the center of face BCDE is 15. What is the depth?



A	B	C
5	8	1
D	**E**	**F**
9	4	3

6 The distance from point A to the center of face BCDE is 13. What is the depth?



A	B	C
9	7	6
D	**E**	**F**
4	10	8