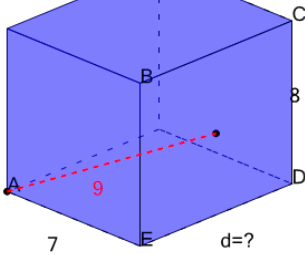# Pythagorean Theorem 3D - Prism - Hypotenuse to Dimension (Half Height, Half Depth)

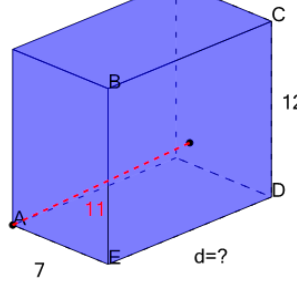**1** The distance from point A to the center of face BCDE is 9. What is the depth?
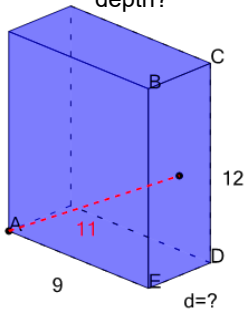

A	B	C
14	2	1
D	E	F
13	9	8

2 The distance from point A to the center of face BCDE is 11. What is the depth?

A	B	C
9	5	8
D	E	F
2	12	14

3 The distance from point A to the center of face BCDE is 11. What is the depth?

A	B	C
1	11	9
D	E	F
2	10	4