Pythagorean Theorem 3D - Prism - Dimensions to Hypotenuse (Half Depth)

1 What is the distance from point A to the center point of BC on this Rectangular Prism?

A	B	C
19	6	8
D	E	F
12	14	10

2 What is the distance from point A to the center point of BC on this Rectangular Prism?

A	B	C
6	15	9
D	E	F
24	17	18

3 What is the distance from point A to the center point of BC on this Cube?

A	B	C
17	10	5
D	E	F
15	19	8

4 What is the distance from point A to the center point of BC on this Rectangular Prism?

A	B	C
22	11	15
D	E	F
5	18	24