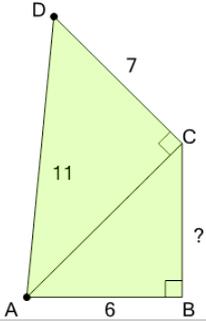




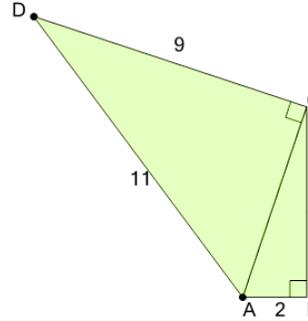
## Pythagorean Theorem 3D - Double Triangle - Hypotenuse to Dimension

**1** The distance from point A to point D is 11. What is the length of side BC?



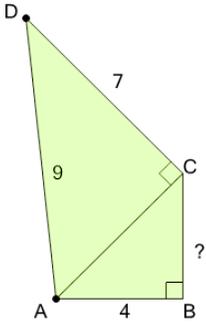
A	B	C
5	1	6
D	E	F
7	10	11

**2** The distance from point A to point D is 11. What is the length of side BC?



A	B	C
14	4	11
D	E	F
8	6	15

**3** The distance from point A to point D is 9. What is the length of side BC?



A	B	C
4	2	6
D	E	F
3	1	5