

Spy School

Distance



Circle the correct answer

Level A

1) You need to hide 40m away from the pick up point. You walk 15m then stop to check that you have not been followed. How much further do you have to walk before you can hide?

15m 25m 35m

2) You join two cables together to make one which is 34m long. One cable is 12m. How long is the other cable?

16m 22m 26m

3) You need to go to Four Elms which is 7 km on the other side of Winworth. If Winworth is 16 km away, how far is it to Four Elms?

9km 21km 23km

4) You attach the 19m cable to the camera and throw the cable out of the window. The camera is 6m from the window. How much cable is hanging outside the window?

25m 12m 13m

Level B

1) You run a cable from a secret camera between two offices which are 1km apart. How many lengths of cable will you need if each length is 250m?

2 4 8

2) You pace across the room in which the camera will be hidden. You take 20 paces. If each of your paces is 50 cm. How big is the room?

5m 10m 15m

3) You set off to pick up the camera. You travel to Minchester which is 26km away then on to Bidworth, 7km away. You go back to base by the same route. What distance will your journey be?

62km 64km 66km

4) You need to find the distance from your headquarters to the bus stop. You pace the journey and find that it is 21 steps. If each of your steps is 100cm, what is the distance?

21m 21km 2100m

Level C

1) You hide a listening device in the office. It has a transmission range of 430m. You add a booster to triple the range. What's the further distance away you can travel to pick up the signal?

1290m 1km 290m 1.29m

2) You run a cable between two buildings which are 1.5km apart. How many lengths of cable will you need if each length is 650m?

3 4 15

3) You want to check how far the zoom lens of your camera will work. You ask a colleague to walk down the road and stop every 25m. He stops 23 times, what distance does he walk?

555m 565 575m

4) You set off to follow a suspect. He is heading for Borthorn which is 27 km away but stops 8.5km before he reaches his destination. How long will your return journey be?

37km 35.5km 18.5km