

Dev10 Practice Aptitude Test

Welcome to the practice aptitude test. The five questions provided here are similar to some of the questions you will see in the real test. The answers are on the last page.

Practice Question 1 (Pattern Recognition)

If SPACE can be written as ROZBD, how would you write the word OUTER?

Practice Question 2 (Sequences)

You are facing North. Turn 90 degrees right. Reverse direction. Turn 45 degrees right. Reverse direction. What direction are you facing?

Practice Question 3 (Deduction)

There are three houses, all on the same block. The Red house is next to both houses. The Green house is to the left of the Blue house. What is the order of the houses on the block, from left to right?

Practice Question 4 (Conversion)

In a video game, the monetary system is based on colored rupees.

- The Red rupee = 20.
- 26 represents the value of a Red rupee plus a White and a Yellow rupee.
- The White and Yellow rupees are not equal, nor are they even numbers.

A shield in the game costs 68 rupees, what is the fewest total number of rupees you can use to purchase the shield (the clerk requires exact change!)

Practice Question 5 (Visualization)

	A	B	C	D	E
1	6	7	10		
2	4	9	3		
3	13	1	5		
4	11	8	6		

Consider the data table above.

1. Multiply A1 by C3, store the result in D1
2. Subtract C3 from D1 until the value is less than A3. For each pass, add 1 to B4.
3. If B4 is greater than A3, put the sum of B4 and C1 in D2 otherwise put the value of B4 in D2.

What is the value of D2?

Answers

Question 1: NTSDQ, the pattern is shifting to the left one letter.

Question 2: Southeast. The sequence is N->E->W->NW->SE

Question 3: Green, Red, Blue. If the red house is next to both houses, it must be in the middle, so if the green house is to the left of any house it must be the furthest to the left.

Question 4: 7. The only combination of odd numbers to make 6 is 5 and 1. The colors are not important to this solution. To get to 68 requires 3 red rupees and 4 additional rupees.

Question 5: 12. D1's value is 30. Subtracting 5 (C3) from 30 until it is less than 13 (A3) requires 4 passes and on each pass, we add 1 to B4, making that total 12. 12 is not greater than 13 (A3) so the value 12 is put into D2.