**Приложение2**

**I. Преобразования графиков с помощью параллельного переноса**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **1**  *х*  *у*  +2  ***у* = *х*2 + 2** |  | **6**  *х*  *у*  –3  ***у* = (*х* – 3)2** |  | **11**  *х*  *у*  +3  +1  ***у* = (*х* + 3)2 + 1** |  |
|  |  |  |  |  |  |
| **2**  *х*  *у*  –3  ***у* = *х*2 – 3** |  | **7**  *х*  *у*  +2  ***у* = (*х* + 2)2** |  | **12**  *х*  *у*  ***у* = (*х* + 2)2 – 4**  +2  –4 |  |
|  |  |  |  |  |  |
| **3**  *х*  *у*  +2  ***у* = –*х*2 + 2** |  | **8**  *х*  *у*  ***у* = –(*х* – 4)2**  –4 |  | **13**  *х*  *у*  ***у* = –(*х* + 3)2 + 4**  +3  +4 |  |
|  |  |  |  |  |  |
| **4**  *х*  *у*  ***у* = 2*х*2 – 4**  –4 |  | **9**  *х*  *у*  +3  ***у* = –(*х* + 3)2** |  | **14**  *х*  *у*  ***у* = (*х* – 3)2 – 3**  –3  –3 |  |
|  |  |  |  |  |  |
| **5**  *х*  *у*  +3  ***у* = –*х*2 + 3** |  | **10**  *х*  *у*  ***у* = –(*х* – 2)2**  –2 |  | **15**  *х*  *у*  +4  +3  ***у* = –2(*х* + 4)2 + 3** |  |
|  |  |  |  |  |  |

**II. Для каждого графика укажите уравнение функции**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **А**  *х*  *у* |  | **Е**  *х*  *у* |  | **Л**  *х*  *у* |  |
|  |  |  |  |  |  |
| **Б**  *х*  *у* |  | **Ж**  *х*  *у* |  | **М**  *х*  *у* |  |
|  |  |  |  |  |  |
| **В**  *х*  *у* |  | **З**  *х*  *у* |  | **Н**  *х*  *у* |  |
|  |  |  |  |  |  |
| **Г**  *х*  *у* |  | **И**  *х*  *у* |  | **О**  *х*  *у* |  |
|  |  |  |  |  |  |
| **Д**  *х*  *у* |  | **К**  *х*  *у* |  | **П**  *х*  *у* |  |
|  |  |  |  |  |  |