Вправи для побудови тривимірної моделі деталі за її проекціями.



Рис.1.

Таблица1

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| №  вар. | Позначення до рис.1 | | | | | | | | | | | | | | | | | | |
| L | L1 | L2 | L3 | B | B1 | B2 | B3 | B4 | H1 | H2 | H3 | D1 | D2 | D3 | D4 | R1 | R2 | S |
| 1 | 175 | 155 | 45 | 55 | 60 | 40 | 60 | 30 | 70 | 7 | 75 | 50 | 30 | 20 | 25 | 12 | 35 | 28 | 7 |
| 6 | 200 | 180 | 50 | 70 | 70 | 40 | 60 | 40 | 60 | 10 | 60 | 35 | 30 | 20 | 35 | 25 | 40 | 30 | 10 |
| 11 | 165 | 145 | 45 | 50 | 70 | 45 | 65 | 40 | 65 | 7 | 45 | 65 | 25 | 15 | 25 | 10 | 30 | 25 | 7 |
| 16 | 175 | 155 | 50 | 50 | 65 | 50 | 70 | 40 | 70 | 10 | 50 | 55 | 35 | 20 | 35 | 20 | 35 | 30 | 10 |
| 21 | 190 | 170 | 50 | 60 | 80 | 50 | 70 | 50 | 70 | 12 | 50 | 50 | 40 | 20 | 40 | 30 | 40 | 32 | 10 |



Рис.2

Таблица 2

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| №  вар. | Позначення до рис.2 | | | | | | | | | | | | | | | |
| D1 | D2 | D3 | D4 | D5 | D6 | H1 | H2 | H3 | H4 | H5 | L | L1 | L2 | L3 | L4 |
| 2 | 60 | 25 | 40 | 30 | 20 | 16 | 80 | 10 | 35 | 30 | 10 | 80 | 40 | 60 | 35 | 10 |
| 7 | 65 | 22 | 40 | 25 | 10 | 14 | 80 | 15 | 30 | 30 | - | 80 | 35 | 70 | 40 | 10 |
| 12 | 70 | 30 | 50 | 35 | 20 | 12 | 100 | - | 40 | 35 | 15 | 60 | 30 | 70 | 40 | 5 |
| 17 | 55 | 20 | 30 | 20 | 10 | 10 | 75 | 10 | 30 | 35 | - | 75 | 35 | 60 | 30 | 15 |
| 22 | 60 | 25 | 35 | 40 | 25 | 18 | 100 | - | 45 | 45 | 30 | 65 | 25 | 70 | 30 | 5 |



Рис.3

Таблица 3

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| №  вар. | Позначення до рис.3 | | | | | | | | | | | | | | | | | |
| L | L1 | L2 | L3 | В | В1 | В2 | В3 | Н1 | Н2 | Н3 | Н4 | Н5 | D1 | D2 | D3 | D4 | D5 |
| 3 | 70 | 20 | 30 | 30 | 45 | 30 | 55 | 5 | 105 | 55 | 50 | 25 | - | 40 | 30 | 20 | 25 | - |
| 8 | 80 | 25 | 30 | 35 | 50 | 35 | 70 | - | 110 | 50 | 45 | 20 | 25 | 45 | - | 30 | 30 | 20 |
| 13 | 75 | 15 | 45 | 45 | 50 | 30 | 75 | 10 | 100 | 50 | 50 | 25 | - | 35 | 25 | 20 | 20 | - |
| 18 | 85 | 25 | 35 | 40 | 55 | 40 | 75 | - | 115 | 50 | 45 | 20 | 25 | 40 | - | 30 | 35 | 20 |
| 23 | 80 | 20 | 40 | 40 | 50 | 35 | 70 | 5 | 115 | 55 | 50 | 25 | - | 45 | 30 | 25 | 30 | - |



Рис.4

Таблица 4

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| №  вар. | Позначення до рис.4 | | | | | | | | | | | | | | | |
| L | L1 | L2 | L3 | В | В1 | В2 | S | S1 | H | H1 | R1 | R2 | D1 | D2 | D3 |
| 4 | 80 | 75 | 60 | 15 | 50 | 30 | 10 | 5 | 7 | 70 | 30 | 25 | 20 | 25 | 15 | 10 |
| 9 | 75 | 75 | - | 35 | 70 | 50 | 15 | 10 | 15 | 80 | 40 | 35 | 25 | 30 | 20 | 15 |
| 14 | 90 | 85 | 45 | 20 | 80 | 55 | 20 | 5 | 7 | 105 | 50 | 40 | 35 | 35 | 25 | 10 |
| 19 | 100 | 90 | - | 40 | 80 | 60 | 20 | 10 | 10 | 125 | 50 | 45 | 35 | 35 | 25 | 20 |
| 14 | 95 | 95 | 50 | 25 | 70 | 40 | 15 | 10 | 15 | 115 | 47 | 40 | 30 | 40 | 30 | 25 |



Рис.5

Таблица 5

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| №  вар. | Позначення до рис.5 | | | | | | | | | | | | | | | | | | | |
| L | L1 | В | В1 | В2 | В3 | В4 | В5 | H1 | H2 | H3 | S | R1 | R2 | R3 | R4 | R5 | R6 | D1 | D2 |
| 5 | 190 | 170 | 130 | 110 | 110 | 110 | 60 | 40 | 230 | 40 | 12 | 5 | 70 | 40 | 65 | 30 | 45 | 40 | 45 | 30 |
| 10 | 190 | 170 | 130 | 100 | 110 | 110 | 50 | 30 | 220 | 20 | 15 | 7 | 65 | 40 | 58 | 30 | 40 | 33 | 40 | 25 |
| 15 | 200 | 180 | 120 | 100 | 100 | 80 | 50 | 30 | 180 | 20 | 10 | 5 | 75 | 50 | 70 | 40 | 35 | 30 | 30 | 20 |
| 20 | 200 | 180 | 120 | 90 | 100 | 80 | 60 | 40 | 200 | 30 | 10 | 7 | 75 | 40 | 68 | 30 | 35 | 28 | 30 | 20 |
| 25 | 200 | 180 | 130 | 100 | 110 | 80 | 50 | 30 | 215 | 30 | 12 | 5 | 65 | 50 | 60 | 40 | 40 | 35 | 40 | 30 |