Each question has three pyramids.

Use the first pyramid to work out the rule, then complete the second and third pyramids

**1.**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4 | | 8 | | 12 | |  | | 7 | |  | | 6 | |  | |  | |  | | 7 | |
|  | 12 | | 20 | |  | |  | | 12 | |  | |  | |  | |  | | 10 | |
|  | | 32 | |  | |  | |  | |  | |  | |  | |  | | 15 | |  | |

**2.**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | | 4 | | 3 | |  | | 10 | |  | | 2 | |  | | 18 | |  | |  | |
|  | 8 | | 1 | |  | |  | | 5 | |  | |  | |  | | 10 | |  | |
|  | | 7 | |  | |  | |  | |  | |  | |  | |  | | 5 | |  | |

**3.**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 2 | | 7 | | 1 | |  | | 10 | |  | |  | |  | | 3 | |  | | 3 | |
|  | 14 | | 7 | |  | |  | | 20 | |  | |  | |  | | 15 | |  | |
|  | | 98 | |  | |  | |  | | 120 | |  | |  | |  | |  | |  | |

**4.**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | | 4 | | 1 | |  | | 5 | |  | | 7 | |  | | 12 | |  | |  | |
|  | 20 | | 10 | |  | |  | | 16 | |  | |  | |  | | 30 | |  | |
|  | | 60 | |  | |  | |  | |  | |  | |  | |  | | 100 | |  | |

**5.**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 2 | | 3 | | 4 | |  | | 5 | |  | | 9 | |  | | 6 | |  | |  | |
|  | 8 | | 10 | |  | |  | | 12 | |  | |  | |  | | 20 | |  | |
|  | | 21 | |  | |  | |  | |  | |  | |  | |  | | 51 | |  | |

**6.**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | | 3 | | 9 | |  | | 2 | |  | |  | |  | | 6 | |  | |  | |
|  | 15 | | 15 | |  | |  | | 14 | | 25 | |  | |  | | 14 | |  | |
|  | | 45 | |  | |  | |  | |  | |  | |  | |  | | 35 | |  | |