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 |  |