

|      |   |
|------|---|
| 1400 | 2 |
| 700  | 2 |
| 350  | 2 |
| 175  | 5 |
| 35   | 5 |
| 7    | 7 |
| 1    |   |

$$1400 = 2^3 \times 5^2 \times 7$$