

NO63 Factors, multiples and primes

- ① $2 \times 2 \times 2 \times 7$
- ② 12
- ③ a) 280
b) 60
- ④ 8
- ⑤ a) 25
b) 24
c) 23, 29
- ⑥ 1080
- ⑦ 1, 2, 3, 5, 6, 10, 15, 30
- ⑧ a) $2^3 \times 3 \times 7$
b) 12
- ⑨ 3 and 9
- ⑩ 2, 7 or 3, 13, or 5, 11 or 2, 23
- ⑪ 9.30 am
- ⑫ 10
- ⑬ 7.21 am
- ⑭ a) $2^2 \times 3^2 \times 5$
b) 6, 30 or 12, 30 etc.

1080 = 2^3 \times 3^3 \times 5

$$1080 = 2 \times 540 = 2 \times 2 \times 270 = 2 \times 2 \times 2 \times 135 = 2 \times 2 \times 2 \times 3 \times 45 = 2 \times 2 \times 2 \times 3 \times 3 \times 15 = 2 \times 2 \times 2 \times 3 \times 3 \times 3 \times 5$$

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