

1) 7

2) 2

3) number itself

4) 7

5) 2

6) 1

7) 7

8) Composite

9) 2

10) Common multiple

11) 1, 2, 3, 6, 9

$$\begin{array}{r}
 40 \\
 2 \overline{) 40} \\
 \underline{20} \\
 2 \overline{) 20} \\
 \underline{10} \\
 2 \overline{) 10} \\
 \underline{5}
 \end{array}$$

$$\begin{array}{r}
 50 \\
 5 \overline{) 50} \\
 \underline{25} \\
 5
 \end{array}$$

$$\begin{array}{r}
 60 \\
 2 \overline{) 60} \\
 \underline{30} \\
 3 \overline{) 30} \\
 \underline{15} \\
 5
 \end{array}$$

$$\begin{array}{l}
 2 \times 2 \times 2 \times 5 \\
 2 \times 5 \times 5 \\
 2 \times 2 \times 3 \times 5
 \end{array}$$

$$2 \times 2 \times 2 \times 2 \times 2 \times 5 \times 5 = 1200$$

(2)

13. $36 = 36, 72, 108, 144, 180, 216, 252, 288,$

$324, 360.$

$52 = 52, 104, 156, 208, 260, 312,$

$364, 416, 468, 520.$

14.

$3 \mid 15, 90$

$5 \mid 5, 30$

$2 \mid 7, 6$
 $7 \mid 3$

$$3 \times 5 \times 2 \times 3 = 90$$

15. $2 \mid 144, 180, 192$

$2 \mid 72, 90, 96$

$3 \mid 36, 45, 48$

$3 \mid 12, 15, 16$

$$2 \times 2 \times 3 = 12$$