

NAME: _____

DATE: _____

Find the LCM using Ladder method.

1. 8 and 16

$$\begin{array}{r} 2 \overline{) 8, 16} \\ 2 \overline{) 4, 8} \\ 2 \overline{) 2, 4} \\ 1, 2 \end{array}$$

$$2 \times 2 \times 2 \times 1 \times 2 = 16$$

$\text{LCM} = 16$

2. 12 and 18

$$\begin{array}{r} \overline{) 12, 18} \\ \overline{) , } \\ \phantom{) , } \end{array}$$

$$x \quad x \quad x \quad =$$

$\text{LCM} =$

3. 15 and 20

15, 20

,

$x \quad x =$

LCM =

4. 12 and 24

12, 24

,

,

,

$x \quad x \quad x \quad x =$

LCM =