

NAME: _____

DATE: _____

Find the GCF using Ladder method.

Ex. 8 and 16

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

$$2 \times 2 \times 2 = 8$$

$$\boxed{\text{GCF} = 8}$$

1. 12 and 18

$$\begin{array}{r} \boxed{12, 18} \\ \boxed{,} \\ , \end{array}$$

$$x =$$

$$\boxed{\text{GCF} =}$$

2. 20 and 35

$$\begin{array}{r} \boxed{20, 35} \\ \boxed{,} \\ , \end{array}$$

$$\boxed{\text{GCF} =}$$

3. 27 and 42

$$\begin{array}{r} \underline{12, 42} \\ \underline{\quad}, \end{array}$$

,

$$x =$$

$$\boxed{\text{GCF} =}$$