## Warm Up



# Warm Up Answers 

$$
\begin{aligned}
& \begin{array}{r}
70 \\
\times 11 \\
\hline 70
\end{array} \begin{array}{r}
35 \\
\times 52 \\
\hline 70
\end{array} \begin{array}{r}
41 \\
\times 41 \\
\hline 41
\end{array} \\
& \begin{array}{ll}
7700 & \frac{1,750}{1,820}
\end{array} \\
& 74 \quad 42 \quad 54 \\
& \frac{\times 26}{444} \frac{\times 93}{126} \quad \times 42 \\
& \frac{1,480}{1,924} \quad \frac{3,780}{3,906} \quad \frac{2,160}{2,268}
\end{aligned}
$$

## Homework Answers

### 1.4 Record and Practice Journal



## Essential Question:

How can you find the greatest common factor of two numbers?

## Lesson Objective:

Students will be able to:
use Euclid's Ladder to find greatest common factors of two numbers.

## Self-Evaluation Scale

| Score | I can teach other students how to use Euclid's Ladder to find greatest <br> common factors of two numbers. |
| :---: | :--- |
| 3 | I can use Euclid's Ladder to find greatest common factors of two <br> numbers. |
| 2 | I recognize, but still need help to use Euclid's Ladder to find greatest <br> common factors of two numbers. |
| 1 | I do not know how to use Euclid's Ladder to find greatest common <br> factors of two numbers. |
| 1 |  |

## Euclid


also known as Euclid of Alexandria, was a Greek mathematician, often referred to as the "Father of Geometry".

October 8, 2014 Period 3 Lesson 1.5

$$
\begin{gathered}
G C F \\
\text { Greatest common } \\
24-(1), 3,4,40^{8}, 12,24 \\
18-(1),(3), \quad 6,9,18 \\
G<k=6
\end{gathered}
$$

Greatest Common factor

## Euclid's Ladder



October 8, 2014 Period 3 Lesson 1.5
$\qquad$

On Your Own

(1) $15 \quad 22$

## Assignment

Complete problems I3, I5, I6, 23, 25, 26, 3I, \& 33 on pages $34 \& 35$ in your Big Ideas Text Book.

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| 1 |  |

## Homework

## No Homework

