# Warm Up

Divisible by 9 and 3?

336	173	404	826	672	729	263	979
781	796	391	878	555	303	625	906
191	387	406	237	431	890	961	755

Divisible by 6?

796	661	452	147	573	994	525	621
821	376	540	203	459	475	768	923
737	879	464	819	437	615	220	978

# Warm Up Answers

Divisible by 9 and 3?

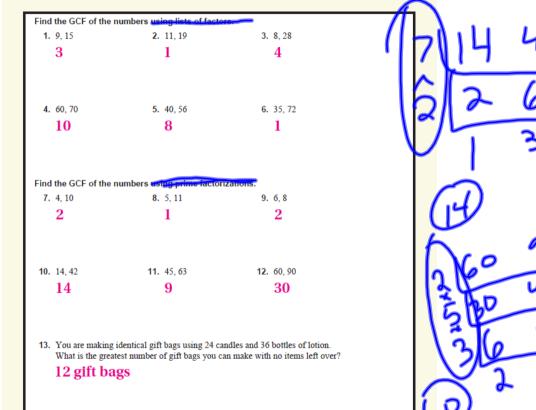
336	173	404	826	672	729	263	979
					303		
191	387	406	237	431	890	961	755

Divisible by 6?

		452					_
821	376	540	203	459	475	768	923
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#### Homework Answers

#### **1.5 Record and Practice Journal**



Lesson 1.6

October 9, 2014

### Essential Question:

How can you find the Least Common Multiple of two numbers?

LCM

October 9, 2014 Period 3 Lesson 1.6

Lesson 1.6

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#### Lesson Objective:

Students will be able to:

use Euclid's Ladder to find the Least Common Multiple of two numbers.

# Self-Evaluation Scale

Score	Description
4	I can teach other students how to use Euclid's Ladder to find the Least Common Multiple of two numbers.
3	I can use Euclid's Ladder to find the Least Common Multiple of two numbers.
2	I recognize, but still need help to use Euclid's Ladder to find the Least Common Multiple of two numbers.
1	I do not know how to use Euclid's Ladder to find the Least Common Multiple of two numbers.

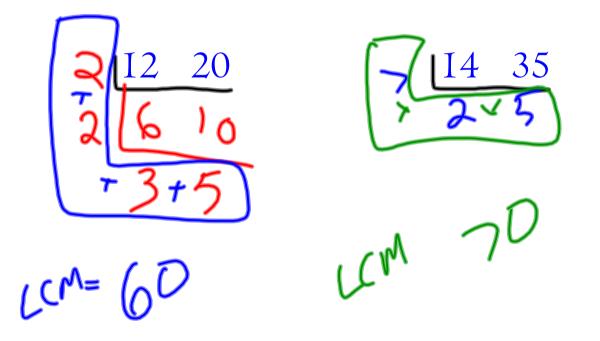


### Euclid of Alexandria

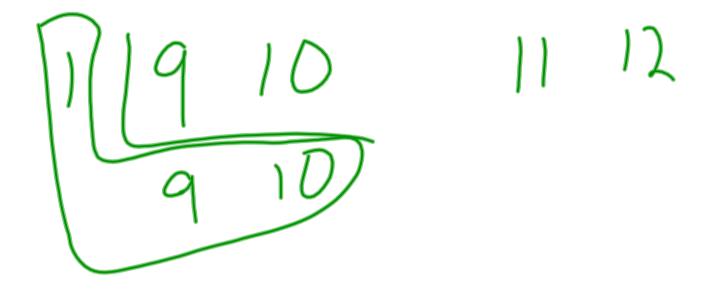
lived from about 325 BC to about 265 BC

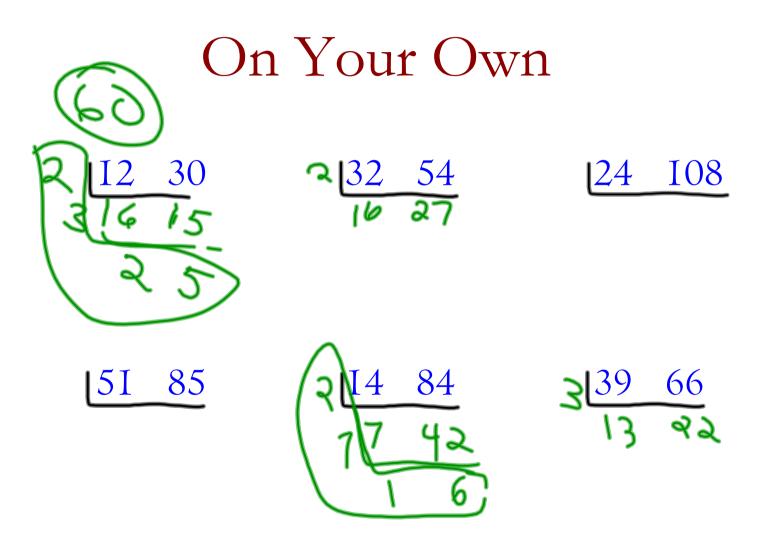
Euclid was a Greek mathematician best known for his treatise on geometry: The Elements . This influenced the development of Western mathematics for more than 2000 years.

#### Euclid's Ladder



October 9, 2014 Period 3 Lesson 1.6





GCF=less than 12 36 Or equal to smaller # ()(M= greaten Then Or qual to larger #

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# Essential Question:

How can you find the Least Common Multiple of two numbers?

October 9, 2014 Period 3 Lesson 1.6

Lesson 1.6

October 9, 2014

#### Lesson Objective:

Students will be able to:

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# Self-Evaluation Scale

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

#### Homework

# In your Big Ideas Record and Practice Journal page 26.