

Chapter 2 — Factors, Multiples, Primes, and Divisibility

Worksheet A: Guided Practice

Name: _____ Grade: _____ Date: _____

1. List the factors of 24.

Use factor pairs, starting from 1.

2. List the first 5 multiples of 4.

Count by 4.

3. Is 23 prime, composite, or neither?

Check: does anything divide into it besides 1 and itself?

4. Is 33 prime, composite, or neither?

Look for a factor besides 1 and itself.

5. Is 11 prime, composite, or neither?

This one is a special case. Does it have one factor or two?

6. Is 96 divisible by 2?

Look at the last digit.

7. Is 96 divisible by 3?

Add the digits together.

8. Is 150 divisible by 5?

Look at the last digit.

9. Find the GCF of 10 and 15.

List factors of each number.

10. Find the GCF of 16 and 20.

List factors of each number.

11. Find the LCM of 4 and 6.

List multiples until you find a match.

12. Find the LCM of 3 and 8.

List multiples until you find a match.

13. You have 20 markers and 30 stickers. What is the greatest number of identical bags you can make using all of them?

Equal groups with nothing left over means GCF.

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- 14.** List the first 5 multiples of 5.

Count by 5.

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- 15.** List the factors of 50.

Use factor pairs, starting from 1.