



BitWith Bite

MATHEMATICS WORKSHEET



Least Common Multiple

SCORE

___ / 20

Chapter: Pre-Algebra • Level ★★ • Time: 30 min

Name _____ Class _____ Date _____

AFTER THIS WORKSHEET YOU CAN

- ✓ Find the LCM of two numbers.
- ✓ Use the LCM to add fractions.
- ✓ Distinguish the LCM from the GCF.
- ✓ List common multiples of two numbers.



Section A • Concept Check

• BEGINNER

$4 \times 1 = 4$

1 LCM of 5 and 8 = ?

- ☐ A. 13 ☐ B. 40 ☐ C. 80 ☐ D. 20

3 LCM of 12 and 16 = ?

- ☐ A. 4 ☐ B. 48 ☐ C. 192 ☐ D. 28

2 LCM of 6 and 9 = ?

- ☐ A. 3 ☐ B. 54 ☐ C. 18 ☐ D. 15

4 The LCM is used to add fractions by finding a common:

- ☐ A. factor ☐ B. denominator ☐ C. numerator
☐ D. product



Section B • Problem Solving

• INTERMEDIATE

$2 + 3 \times 3 = 11$

5 The LCM is the _____ number both divide into.

6 LCM of 5 and 8 = _____

7 Find the LCM of 5 and 8.

8 Find the LCM of 6 and 9.

9 Find the LCM of 12 and 16.



Section C • Challenge

• CHALLENGE

5

10 Add $\frac{1}{4} + \frac{1}{6}$ by first finding the LCM.

Reflection — the most useful thing I learned: _____

A ___/4 B ___/11 C ___/5 Total ___/20

Teacher's Signature

Parent's Signature

ANSWER KEY — FOLD OR CUT BEFORE HANDING OUT

1-B 2-C 3-B 4-B | 5 smallest 6 40 7 = 40 8 = 18 9 = 48 | 10 = 5/12