



Name _____ Class _____ Date _____

AFTER THIS WORKSHEET YOU CAN

- ✓ Find the GCF of two numbers.
- ✓ Use the GCF to simplify fractions.
- ✓ Recognise coprime numbers.
- ✓ List common factors of two numbers.



Section A • Concept Check

• BEGINNER

$4 \times 1 = 4$ _____

- GCF of 16 and 20 = ?
☐ A. 2 ☐ B. 4 ☐ C. 8 ☐ D. 80
- GCF of 18 and 27 = ?
☐ A. 3 ☐ B. 6 ☐ C. 9 ☐ D. 54
- Simplify 12/18 using the GCF:
☐ A. 2/3 ☐ B. 6/9 ☐ C. 3/4 ☐ D. 4/6
- GCF of 30 and 45 = ?
☐ A. 5 ☐ B. 10 ☐ C. 15 ☐ D. 90



Section B • Problem Solving

• INTERMEDIATE

$2 + 3 \times 3 = 11$ _____

- The GCF is the _____ number that divides both.
- GCF of 16 and 20 = _____
- Find the GCF of 16 and 20.

- Find the GCF of 18 and 27.

- Find the GCF of 30 and 45.



Section C • Challenge

• CHALLENGE

5 _____

- Simplify 12/18 using the GCF.

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-A 4-C | 5 largest 6 4 7 = 4 8 = 9 9 = 15 | 10 = 2/3