



Name _____ Class _____ Date _____

AFTER THIS WORKSHEET YOU CAN

- ✓ Identify prime and composite numbers.
- ✓ Know that 2 is the only even prime.
- ✓ Test small numbers for primality.
- ✓ Understand that a prime has exactly two factors.



Section A • Concept Check

• BEGINNER

$4 \times 1 = 4$

- 1 Is 23 prime?
☐ A. Yes ☐ B. No ☐ C. Only sometimes
☐ D. Cannot tell
- 2 33 is:
☐ A. prime ☐ B. composite ☐ C. neither
☐ D. both
- 3 Is 2 prime?
☐ A. Yes ☐ B. No ☐ C. Only when even
☐ D. Never
- 4 51 is:
☐ A. prime ☐ B. composite ☐ C. neither
☐ D. both



Section B • Problem Solving

• INTERMEDIATE

$2 + 3 \times 3 = 11$

- 5 A prime number has exactly _____ factors.
- 6 The only even prime number is _____
- 7 Is 23 prime?

- 8 Is 33 prime or composite?

- 9 Is 2 prime?



Section C • Challenge

• CHALLENGE

5

- 10 Is 51 prime or composite?

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-A 2-B 3-A 4-B | 5 two 6 2 7 = Yes 8 = Composite (3×11) 9 = Yes | 10 = Composite (3×17)