



Name _____ Class _____ Date _____

AFTER THIS WORKSHEET YOU CAN

- ✓ Simplify ratios.
- ✓ Divide a quantity in a given ratio.
- ✓ Understand what a ratio compares.
- ✓ Recognise equivalent ratios.



Section A • Concept Check

• BEGINNER

$4 \times 1 = 4$

- Simplify 16:24:
 - ☐ A. 2:3
 - ☐ B. 4:6
 - ☐ C. 3:4
 - ☐ D. 8:12
- Simplify 45:60:
 - ☐ A. 3:4
 - ☐ B. 9:12
 - ☐ C. 4:5
 - ☐ D. 5:6
- Divide 90 in the ratio 4:5:
 - ☐ A. 40 and 50
 - ☐ B. 45 and 45
 - ☐ C. 36 and 54
 - ☐ D. 50 and 40
- Divide 100 in the ratio 1:4:
 - ☐ A. 25 and 75
 - ☐ B. 20 and 80
 - ☐ C. 10 and 90
 - ☐ D. 50 and 50



Section B • Problem Solving

• INTERMEDIATE

$2 + 3 \times 3 = 11$

- A _____ compares two quantities.
- 16:24 simplifies to _____
- Simplify 16:24.

- Simplify 45:60.

- Divide 90 in the ratio 4:5.



Section C • Challenge

• CHALLENGE

5

- Divide 100 in the ratio 1:4.

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-A 3-A 4-B | 5 ratio 6 2:3 7 = 2:3 8 = 3:4 9 = 40 and 50 | 10 = 20 and 80