

# Unit 5: Rational Number Arithmetic

## PRACTICE

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Compute each answer. Write fractions in simplest form (like  $-2/3$ ) and include the negative sign when the answer is negative.

1. Add:  $-8 + (-5)$

Answer: \_\_\_\_\_

2. Subtract:  $3 - (-7)$

Answer: \_\_\_\_\_

3. Multiply:  $-6 \times 4$

Answer: \_\_\_\_\_

4. Divide:  $-20 \div (-5)$

Answer: \_\_\_\_\_

5. Add:  $-2/3 + 1/6$  (write in simplest form)

Answer: \_\_\_\_\_

6. Subtract:  $5/8 - 7/8$  (write in simplest form)

Answer: \_\_\_\_\_

7. Multiply:  $-3/4 \times 8/9$  (write in simplest form)

Answer: \_\_\_\_\_

8. Divide:  $-1/2 \div 3/4$  (write in simplest form)

Answer: \_\_\_\_\_

9. Add:  $-4.5 + 1.8$

Answer: \_\_\_\_\_

10. Multiply:  $2.4 \times (-5)$

Answer: \_\_\_\_\_

11. Divide:  $-7.2 \div (-0.9)$

Answer: \_\_\_\_\_

12. Subtract:  $-3/5 - (-2/5)$  (write in simplest form)

Answer: \_\_\_\_\_