

Unit 3: Extending Operations to Fractions

ADVANCED · SET 2

Name: _____ Date: _____

Solve each problem. Write every answer in simplest form; give improper fractions or mixed numbers as indicated, and show fractions in a/b form.

1. Compute $7/8 - 3/8 + 5/8$. Give your answer as an improper fraction in simplest form.

Answer: _____

3. Add the mixed numbers 3 and $2/6$ plus 2 and $5/6$. Give your answer as an improper fraction in simplest form.

Answer: _____

5. Multiply the fraction $5/12$ by the whole number 8. Give your answer as an improper fraction in simplest form.

Answer: _____

7. First find $4 \times 2/9$, then subtract that result from 2. Give your answer as an improper fraction in simplest form.

Answer: _____

9. First find $3 \times 4/6$, then add $5/6$ to it. Give your answer as an improper fraction in simplest form.

Answer: _____

11. Multiply the fraction $5/8$ by the whole number 6. Give your answer as an improper fraction in simplest form.

Answer: _____

2. Multiply the fraction $3/10$ by the whole number 5. Give your answer as an improper fraction in simplest form.

Answer: _____

4. Subtract 2 and $3/5$ from 6 and $1/5$. Give your answer as an improper fraction in simplest form.

Answer: _____

6. Compute $11/12 - 4/12 - 2/12 + 7/12$. Give your answer as a whole number.

Answer: _____

8. Compute $5 \text{ and } 3/8 + 1 \text{ and } 7/8 - 2 \text{ and } 1/8$. Give your answer as an improper fraction in simplest form.

Answer: _____

10. Subtract 3 and $4/7$ from 10. Give your answer as an improper fraction in simplest form.

Answer: _____

12. Compute $9/10 + 7/10 - 3/10 + 6/10$. Give your answer as an improper fraction in simplest form.

Answer: _____