

Worksheet 2.3

Addition and Subtraction; Order.

Add and simplify. See examples on pages 101-104 in text.

1. $\frac{7}{10} + \frac{3}{10}$

- A) $\frac{1}{2}$ B) $\frac{10}{10}$ C) 1 D) $\frac{10}{20}$

2. $\frac{1}{5} + \frac{3}{25}$

- A) $\frac{2}{15}$ B) $\frac{41}{125}$ C) $\frac{8}{25}$ D) $\frac{4}{25}$

3. $\frac{7}{4} + \frac{5}{12}$

- A) $\frac{13}{6}$ B) $\frac{13}{2}$ C) 1 D) 3

4. $\frac{9}{10} + \frac{3}{100} + \frac{7}{1000}$

- A) $\frac{307}{1000}$ B) $\frac{19}{1000}$ C) $\frac{937}{1000}$ D) $\frac{37}{1000}$

Subtract and simplify. See examples on pages 104-105 in text.

5. $\frac{25}{42} - \frac{7}{42}$

- A) $\frac{2}{3}$ B) $\frac{2}{7}$ C) $\frac{3}{7}$ D) $\frac{16}{21}$

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Subtract and simplify. See examples on pages 104-105 in text.

6. $\frac{11}{15} - \frac{4}{25}$

- A) $\frac{1}{5}$ B) $\frac{7}{25}$ C) $\frac{7}{10}$ D) $\frac{43}{75}$

Use < or > to write a true sentence. See examples on pages 105-106 in text.

7. $\frac{11}{5} \square \frac{15}{5}$

- A) < B) >

8. $\frac{11}{6} \square \frac{53}{30}$

- A) < B) >

Solve. See examples on page 106 in text.

9. $x + \frac{1}{16} = \frac{1}{2}$

- A) $\frac{9}{16}$ B) $\frac{7}{16}$ C) $\frac{7}{8}$ D) $-\frac{7}{16}$

Find the prime factorization of the number. See examples on pages 63-64 in text.

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- A) $3 \cdot 51$ B) $3 \cdot 3$ C) $3 \cdot 3 \cdot 53$ D) $3 \cdot 53$