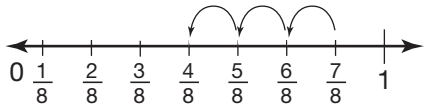
Name _____

Practice
**7-1**

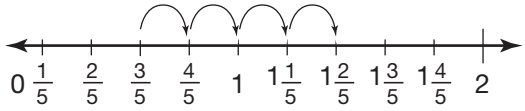
# Adding and Subtracting: Like Denominators

Find each sum or difference. Use a number line. Simplify your answers.

**1.** $\frac{7}{8} - \frac{3}{8}$ _____




**2.** $\frac{3}{5} + \frac{4}{5}$ _____




Find each sum or difference. Simplify your answers.

**3.** $\frac{6}{7} + \frac{1}{7}$ _____

**4.** $\frac{9}{10} - \frac{4}{10}$ _____

**5.** $\frac{8}{15} - \frac{5}{15}$ _____

**6.** $\frac{1}{11} + \frac{3}{11} + \frac{4}{11}$ _____

**7.** $\frac{1}{6} + \frac{2}{6} + \frac{5}{6}$ _____

**8.** $\frac{2}{20} + \frac{5}{20} + \frac{7}{20}$ _____

Evaluate **9** through **11** for $x = \frac{2}{9}$.

**9.** $\frac{8}{9} + x$ _____

**10.** $\frac{5}{9} - x$ _____

**11.** $(\frac{7}{9} - x) + \frac{1}{9}$ _____

**12.** Use the table to answer the questions.

**a.** What is the total amount of seafood in the soup?

_____

**b.** How much more shrimp than cod is in the soup?

_____

**Seafood for Soup**

| | |
|---|---|
| **Cod** | $\frac{5}{8}$ lb |
| **Scallops** | $\frac{2}{8}$ lb |
| **Shrimp** | $\frac{7}{8}$ lb |

**13. Critical Thinking** Max has 12 pairs of socks. Of them, 6 pairs are blue, 3 pairs are brown, and 2 pairs are white. Max wants to know what fraction of the socks are blue or brown. How can he find the numerator?

**A** Add 6 + 3 + 2.

**B** Add 6 + 3.

**C** Subtract 11 from 12.

**D** Subtract 9 from 12.

**14. Writing to Explain** Explain how you can add two fractions with denominators of 10 and end up with a sum whose denominator is 5.

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