Or you could...
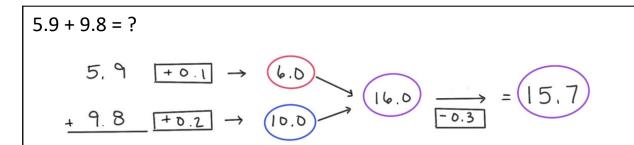
Directions: Make the addition problem easier by adjusting or rounding. Compare your compensation strategy with your classmate.

$5.9 + 9.8 = ?$

$$5.9 \quad \boxed{+0.1} \rightarrow 6.0$$
$$+\ 9.8 \quad \boxed{+0.2} \rightarrow 10.0$$

$16.0 \xrightarrow{\boxed{-0.3}} = 15.7$

Or you could

$$5.9 \quad \boxed{+0.1} \rightarrow 6.0$$
$$+\ 9.8 \quad \boxed{-0.1} \rightarrow 9.7$$
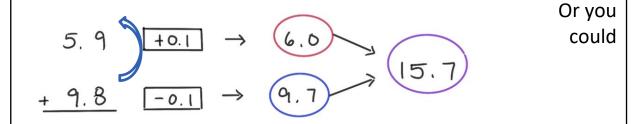
15.7

Or You Could...

Directions: Make the addition problem easier by adjusting or rounding. Compare your compensation strategy with your classmate.

$5 \frac{6}{8}$ $\boxed{+\frac{2}{8}}$ ⬤6 ⟶ ⬤$8 \frac{3}{8}$

$+ \, 2 \frac{5}{8}$ $\boxed{-\frac{2}{8}}$ ⬤$2 \frac{3}{8}$ ⟶

$5 \frac{6}{8}$ $\boxed{+\frac{2}{8}}$ ⬤6

$+ \, 2 \frac{5}{8}$ $\boxed{+\frac{3}{8}}$ ⬤3 ⟶ ⬤9 ⟶ ⬤$8 \frac{3}{8}$
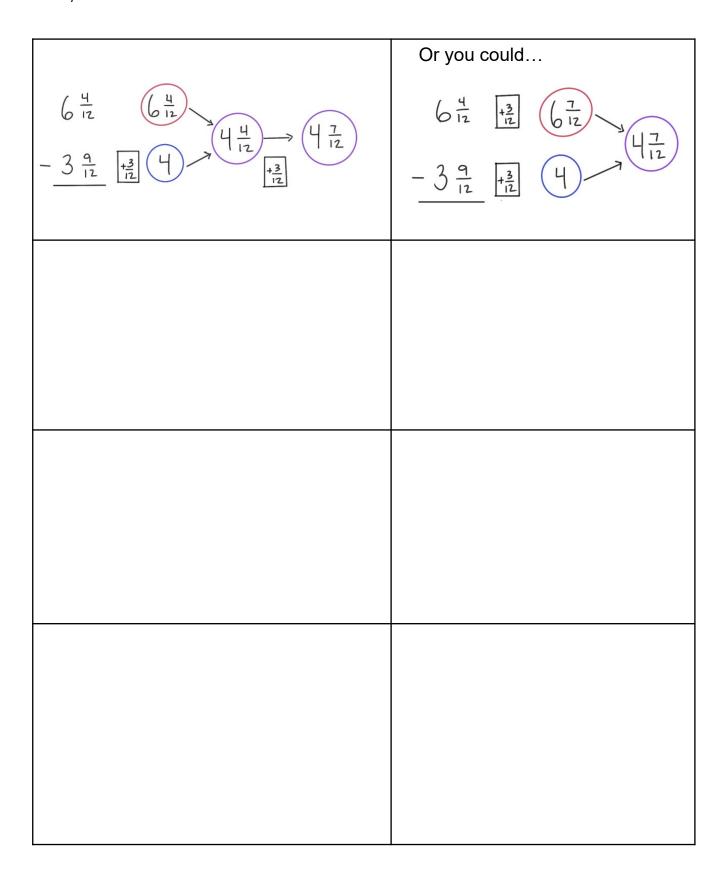
$\boxed{-\frac{5}{8}}$

Or You Could...

Directions: Make the subtraction problem easier by adjusting or rounding. Compare your compensation strategy with your classmate.

9.2 - 4.8= ?	Or you could...

9.2

⬭9.2⬭ ╲
            ➘ ⬭4.2⬭ ──→ ⬭4.4⬭
  ⬭5.0⬭ ➚   +0.2
- 4.8 ⬚+0.2⬚

9.2   ⬚+0.2⬚   ⬭9.4⬭ ╲
                          ➘ ⬭4.4⬭
- 4.8   ⬚+0.2⬚   ⬭5.0⬭ ➚

.

Or You Could...

Directions: Make the subtraction problem easier by adjusting or rounding. Compare your compensation strategy with your classmate.

	Or you could…
$6\frac{4}{12}$ $\quad$ $\boxed{6\frac{4}{12}}$ $\rightarrow$ $\boxed{4\frac{4}{12}}$ $\rightarrow$ $\boxed{4\frac{7}{12}}$ $\quad$ $-3\frac{9}{12}$ $\boxed{+\frac{3}{12}}$ $\boxed{4}$ $\boxed{+\frac{3}{12}}$	$6\frac{4}{12}$ $\boxed{+\frac{3}{12}}$ $\boxed{6\frac{7}{12}}$ $\rightarrow$ $\boxed{4\frac{7}{12}}$ $\quad$ $-3\frac{9}{12}$ $\boxed{+\frac{3}{12}}$ $\boxed{4}$

More problems for the Routine
Or You Could

Decimal Addition and Subtraction

Tenths	Hundredths
1.6 + 0.9	0.9 + 0.59
2.8 + 4.8	6.9 + 2.26
6.8 + 0.7	4.8 + 1.64
5.8 + 7.9	2.96 + 2.17
3.8 + 1.9	2.1 + 2.19
1.8 + 3.7	5.39 + 3.26

Tenths	Hundredths
9.4 - 3.7	9.78 - 0.59
4.2 - 2.4	6.9 - 2.27
6.1 - 0.7	4.8 - 1.64
5.2 - 1.9	8.97- 2.18
3.8 - 1.9	5.1 -2.19
5.2 - 3.8	5.83 - 3.29

More problems for the Routine
Or You Could

Fraction Addition and Subtraction

Like denominators	Unlike denominators
$3\frac{3}{4} + 4\frac{2}{4}$	$3\frac{1}{4} + 4\frac{5}{6}$
$1\frac{6}{8} + 3\frac{5}{8}$	$2\frac{3}{4} + \frac{5}{8}$
$2\frac{3}{6} + \frac{5}{6}$	$4\frac{1}{2} + \frac{3}{4}$
$4\frac{4}{5} + 2\frac{4}{5}$	$2\frac{5}{8} + 1\frac{1}{2}$
$5\frac{4}{6} + 1\frac{4}{6}$	$1\frac{8}{9} + \frac{1}{3}$
$2\frac{4}{5} + \frac{3}{5}$	$4\frac{5}{9} + 1\frac{2}{3}$

Like denominators	Unlike denominators
$7\frac{1}{4} - 4\frac{2}{4}$	$3\frac{1}{4} - 1\frac{5}{8}$
$5\frac{6}{8} - 3\frac{7}{8}$	$2\frac{3}{4} - \frac{6}{8}$
$2\frac{3}{6} - \frac{5}{6}$	$4\frac{1}{2} - \frac{3}{4}$
$4\frac{3}{5} - 2\frac{4}{5}$	$3\frac{5}{8} - 1\frac{1}{2}$
$5\frac{2}{6} - 1\frac{4}{6}$	$1\frac{2}{9} - \frac{2}{3}$
$5\frac{3}{5} - 1\frac{4}{5}$	$4\frac{5}{9} - \frac{2}{3}$