

Name _____

Date _____

Whole Number and Mixed Number Sums and Differences Guided Lesson Explanation

1. When adding a mixed number to a whole number, we just add the whole number pieces together.

$$6\frac{3}{9} + 18$$

$$6 + 18 = 24$$

The fraction portion of the mixed number is left as is.

$$24\frac{3}{9}$$

2. Step 1: Get both numbers in the same format.

$$8 = 7\frac{8}{8}$$

Step 2: Write the problem vertically.

$$\begin{array}{r} 7\frac{8}{8} \\ - 5\frac{6}{8} \\ \hline \end{array}$$

Step 3: Subtract the whole numbers: $7 - 5 = 2$

Step 4: Subtract the fractions: $\frac{8}{8} - \frac{6}{8} = \frac{2}{8}$

Step 5: Put it all together to form the answer: $2\frac{2}{8}$



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3. When subtracting a mixed number by a whole number, just subtract the whole number parts.

$$11 \frac{4}{7} - 7$$

$$11 - 7 = 4$$

The fraction portion of the mixed number is left as is.

$$4 \frac{4}{7}$$

