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| Name: | Class: | Date:  |

**2.4 Improper Fractions and Mixed Numbers**

Inquire:

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
6. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
7. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Notes:**

* A *mixed number* is the sum of a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ number and a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* An *improper fraction* is a fraction where the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is greater than the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Both represent a number that is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ than a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Converting between an improper fraction and a mixed number

Method: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Ex. Write 13/4 as

 a mixed number

Converting between a mixed number and an improper fraction

Method: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Ex. Write 2 ½ as an

 Improper fraction

Practice:

Express the following diagrams as both a mixed number and an improper fraction

1.



2.



Convert the following mixed numbers to improper fractions

3. 4.

Convert the following improper fractions to mixed numbers

5. 6.