Mixed numbers and Improper fractions

An improper fraction is the most simplified version. Making an improper fraction a mixed number makes a totally fine answer not simplified; that is unnecessary and bad. You can't do math with mixed numbers so students need to change an mixed numbers into improper fractions. Final answers should **always** be improper fractions, not mixed numbers.

Practice changing between improper fractions and mixed numbers:

• $\frac{18}{7}$ • $\frac{13}{4}$ • $6\frac{1}{3}$ • $5\frac{43}{7}$

•
$$5\frac{\pi}{8}$$

Practice Mixed Number problems:

•
$$5\frac{1}{4} \cdot 3\frac{1}{7}$$
 $\frac{33}{2}$

•
$$\sqrt[3]{4\frac{17}{27} \div 4\frac{1}{6}} = \frac{2}{5}$$

•
$$5\frac{1}{16} \div 1\frac{13}{36} \cdot 2\frac{39}{54}$$
 $\frac{81}{8}$

•
$$3\frac{1}{12} + 5\frac{7}{18} - 6\frac{5}{6}$$
 $\frac{59}{36}$

•
$$(2\frac{2}{3})^2 - \sqrt{1\frac{25}{144}}$$
 $\frac{217}{36}$

Practice Math God Problems:

•
$$-4(3x-2)-18 \div 6(-1-2)-8^{\circ}-4x = -(2-1)^{3}-\sqrt[3]{64}-5(3x+2)+4x-1^{7}$$

0.1

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