

Subtracting Mixed Numbers: Borrowing

Name: _____

When the first fraction is too small, or the first number has no fraction, borrow 1 whole and turn it into a fraction. Then subtract. Write the answer in the box. Simplify if you can.

Example $3\frac{1}{5} - 1\frac{4}{5} = 2\frac{6}{5} - 1\frac{4}{5} = 1\frac{2}{5}$

You cannot take $\frac{4}{5}$ from $\frac{1}{5}$. Borrow 1 whole, which is $\frac{5}{5}$.
Now $3\frac{1}{5}$ is $2\frac{6}{5}$.

1.

$$6\frac{1}{4} - 2\frac{3}{4} = \boxed{}$$

2.

$$5\frac{1}{3} - 2\frac{2}{3} = \boxed{}$$

3.

$$6\frac{2}{5} - 3\frac{4}{5} = \boxed{}$$

4.

$$3\frac{1}{6} - 1\frac{5}{6} = \boxed{}$$

5.

$$7\frac{3}{8} - 2\frac{7}{8} = \boxed{}$$

6.

$$5 - 2\frac{3}{8} = \boxed{}$$

7.

$$8\frac{1}{10} - 4\frac{7}{10} = \boxed{}$$

8.

$$4 - 1\frac{2}{3} = \boxed{}$$

9.

$$9\frac{2}{7} - 5\frac{6}{7} = \boxed{}$$

10.

$$2\frac{1}{4} - 1\frac{3}{4} = \boxed{}$$

Subtracting Mixed Numbers: Borrowing (Answer Key)

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Example $3\frac{1}{5} - 1\frac{4}{5} = 2\frac{6}{5} - 1\frac{4}{5} = 1\frac{2}{5}$

You cannot take $\frac{4}{5}$ from $\frac{1}{5}$. Borrow 1 whole, which is $\frac{5}{5}$.
Now $3\frac{1}{5}$ is $2\frac{6}{5}$.

1. $6\frac{1}{4} - 2\frac{3}{4} = \boxed{3\frac{1}{2}}$

$$= 5\frac{5}{4} - 2\frac{3}{4} = 3\frac{2}{4} = 3\frac{1}{2}$$

2. $5\frac{1}{3} - 2\frac{2}{3} = \boxed{2\frac{2}{3}}$

$$= 4\frac{4}{3} - 2\frac{2}{3} = 2\frac{2}{3}$$

3. $6\frac{2}{5} - 3\frac{4}{5} = \boxed{2\frac{3}{5}}$

$$= 5\frac{7}{5} - 3\frac{4}{5} = 2\frac{3}{5}$$

4. $3\frac{1}{6} - 1\frac{5}{6} = \boxed{1\frac{1}{3}}$

$$= 2\frac{7}{6} - 1\frac{5}{6} = 1\frac{2}{6} = 1\frac{1}{3}$$

5. $7\frac{3}{8} - 2\frac{7}{8} = \boxed{4\frac{1}{2}}$

$$= 6\frac{11}{8} - 2\frac{7}{8} = 4\frac{4}{8} = 4\frac{1}{2}$$

6. $5 - 2\frac{3}{8} = \boxed{2\frac{5}{8}}$

$$= 4\frac{8}{8} - 2\frac{3}{8} = 2\frac{5}{8}$$

7. $8\frac{1}{10} - 4\frac{7}{10} = \boxed{3\frac{2}{5}}$

$$= 7\frac{11}{10} - 4\frac{7}{10} = 3\frac{4}{10} = 3\frac{2}{5}$$

8. $4 - 1\frac{2}{3} = \boxed{2\frac{1}{3}}$

$$= 3\frac{3}{3} - 1\frac{2}{3} = 2\frac{1}{3}$$

9. $9\frac{2}{7} - 5\frac{6}{7} = \boxed{3\frac{3}{7}}$

$$= 8\frac{9}{7} - 5\frac{6}{7} = 3\frac{3}{7}$$

10. $2\frac{1}{4} - 1\frac{3}{4} = \boxed{\frac{1}{2}}$

$$= 1\frac{5}{4} - 1\frac{3}{4} = \frac{2}{4} = \frac{1}{2}$$