

Nickname: _____

No.: _____ Class: _____

3. Fill the number in each box to make the fractions equivalent.

1) $\frac{8}{\boxed{}} = \frac{2}{3}$

2) $\frac{4}{\boxed{}} = \frac{8}{12}$

3) $-\frac{2}{6} = -\frac{\boxed{}}{3}$

4) $-\frac{5}{\boxed{}} = -\frac{1}{2}$

5) $1\frac{5}{6} = 1\frac{\boxed{}}{18}$

6) $2\frac{3}{4} = \boxed{}\frac{9}{12}$

4. Fill in each box with '>' or '<'.

1) $\frac{3}{5} \boxed{} \frac{7}{10}$

2) $\frac{3}{8} \boxed{} \frac{1}{4}$

3) $-\frac{5}{11} \boxed{} -\frac{4}{5}$

7. Find the value of each of the following.

1) $\left(-\frac{1}{2}\right) + \left(-\frac{3}{4}\right)$

2) $3\frac{1}{8} + \left(-\frac{1}{4}\right)$

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

4) $\left(-3\frac{1}{6}\right) + \left(-4\frac{2}{3}\right)$

8. Find the value of each of the following.

1) $\frac{15}{8} \times \frac{4}{3}$

2) $2\frac{3}{5} \times \frac{15}{26}$

3) $\frac{15}{4} \div \frac{5}{2}$

4) $1\frac{7}{9} \div \frac{4}{3}$

9. Find the value of each of the following.

- | | |
|---|--|
| 1) $\frac{64}{15} \times \left(-\frac{3}{8}\right)$ | 2) $\frac{4}{15} \div \left(-\frac{10}{3}\right)$ |
| 3) $\left(-6\frac{1}{8}\right) \times \frac{3}{14}$ | 4) $\left(-2\frac{1}{2}\right) \times 4\frac{2}{5}$ |
| 5) $\left(-1\frac{1}{4}\right) \div \frac{3}{8}$ | 6) $\left(-\frac{8}{9}\right) \div \left(-1\frac{2}{3}\right)$ |

11. Find the value of each of the following.

- | | |
|---|---|
| 1) $\left(-\frac{8}{5}\right) - \left(-2\frac{1}{4}\right) - \frac{1}{2}$ | 2) $4\frac{2}{7} + \left(-6\frac{1}{3}\right) - \left(-\frac{4}{21}\right)$ |
| 3) $(-4) + \left(-3\frac{1}{8}\right) + \left(-\frac{4}{3}\right)$ | 4) $\left(-\frac{1}{5}\right) + 2\frac{1}{4} + \left(-\frac{7}{2}\right)$ |

12. Find the value of each of the following.

- 1) $\left(-\frac{5}{7}\right) \times \left[\left(-\frac{28}{15}\right) + 1\frac{2}{3}\right]$
.....
- 2) $\left[\left(-\frac{1}{4}\right) - \left(-\frac{1}{3}\right)\right] \div \left(\frac{1}{4} - \frac{1}{3}\right)$
.....