Name _____

# Operations With Fractions

**Change** the following from **improper fractions** to **mixed numbers**.

1. $\frac{11}{9} =$
2. $\frac{7}{3} =$
3. $\frac{10}{4} =$
4. $\frac{32}{6} =$
5. $\frac{20}{6} =$
6. $\frac{25}{8} =$

**Change** the following from **mixed numbers** to **improper fractions**.

7. $1\frac{5}{12} =$
8. $1\frac{5}{8} =$
9. $3\frac{2}{4} =$
10. $3\frac{7}{10} =$
11. $2\frac{1}{5} =$
12. $2\frac{1}{2} =$

**Solve** the **addition** and **subtraction** problems below.

13. $\frac{5}{7} - \frac{1}{7} =$ _____
14. $\frac{2}{5} + \frac{1}{10} =$ _____
15. $\frac{3}{12} + \frac{2}{4} =$ _____
16. $\frac{1}{3} - \frac{1}{7} =$ _____

**Solve** the **multiplication** problems below.

17. $\frac{1}{2} \times \frac{5}{8} =$ _____
18. $\frac{3}{4} \times \frac{3}{7} =$ _____
19. $1\frac{1}{2} \times 3\frac{1}{2} =$ _____
20. $3\frac{4}{5} \times 2\frac{3}{4} =$ _____

**Solve** the **division** problems below.

21. $\frac{3}{2} \div \frac{4}{9} =$ _____
22. $\frac{3}{5} \div \frac{10}{4} =$ _____
23. $\frac{2}{7} \div \frac{5}{3} =$ _____
24. $3\frac{3}{5} \div 2\frac{1}{4} =$ _____

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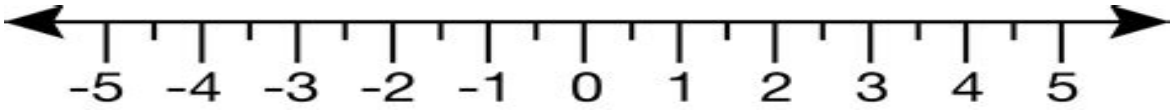
25. $4\frac{3}{4} \div 2\frac{1}{2} =$ _____

## Modules 1 & 3 Review

26. **Plot** the following numbers on the number line: -3, -½, 2 ¼, 0, -1.5, 4




27. Write the **opposite** of each of these numbers: -3, -½, 2 ¼, 0, -1.5, 4

_____

Write the answer (Hint: **Absolute Value**)

28. |-11.3| = ____

29. |20 ½| = ____

Write the correct **inequality**

30. -¾ ____ -1

31. -4.3 ____ -4.7

32. List the following numbers in order from **least** to **greatest**

-11, 6.5, 0, 5.3, -2 ½, -3 ½

_____

## Module 2 Review

Find the **LCM** (Least Common Multiple) of the following pairs of numbers

33. 6 and 4 _____

34. 8 and 3 _____

Find the **GCF** (Greatest Common Factor) of the following pairs of numbers

35. 12 and 18 _____

36. 14 and 21 _____

Write the following as a product of their GCF and the remaining addition. [ex. 7(2+3)]

37. 12 + 18 = _____

38. 14 + 21 = _____