

## Worksheet for Basic Skills

### Addition and Subtraction of Integers.

1.  $-13 + 7 - (-4) =$
2.  $15 - 7 - 11 =$
3.  $-15 + (-3) - 7 =$
4.  $17 + (-12) - 8 =$
5.  $23 - (-17) - 5 =$
6.  $25 + 14 - 11 =$
7.  $-19 - 13 + (-4) =$
8.  $0 - (-6) - 11 =$
9.  $-17 + (-13) + 3 =$
10.  $15 - (-3) + 2 =$

### Addition and Subtraction of Rational Numbers.

1.  $4\frac{3}{5} - 2\frac{5}{6} + 3\frac{1}{2} =$
2.  $6\frac{2}{7} - 5\frac{3}{5} + 3\frac{1}{5} =$
3.  $-6\frac{5}{8} - 4\frac{1}{3} - 5\frac{3}{4} =$
4.  $-\frac{3}{8} - 4\frac{2}{5} - 7\frac{7}{10} =$
5.  $-8\frac{3}{8} + 4\frac{1}{2} - 5\frac{3}{4} =$
6.  $-8\frac{1}{4} + 12\frac{2}{5} - 3\frac{7}{10} =$
7.  $\frac{5}{8} + 4\frac{2}{6} + \left(-5\frac{1}{4}\right) =$
8.  $-4\frac{2}{5} - \left(-4\frac{1}{2}\right) - 2\frac{3}{5} =$

### Multiplication and Division of Integers.

1.  $5(-8) \div (-10) =$
2.  $(-9)(-3)(-3) =$
3.  $(-12)(5) \div (-6) =$
4.  $12 \div (-3)(23) =$
5.  $8 \div 4(9) \div 6 =$
6.  $36 \div (-12)(-4) =$
7.  $(-64) \div (-16)(-4)(-5) =$
8.  $(-4)(-3) \div 2(-6) =$
9.  $96 \div (-6) \div 4 =$
10.  $(-100) \div (-10)(-6) \div 12 =$

### Multiplication and Division of Rational Numbers.

1.  $\frac{8}{15} \div \left(-3\frac{2}{3}\right) \cdot 2\frac{1}{2} =$
2.  $\left(-\frac{1}{5}\right) \div \frac{2}{15} \left(-1\frac{1}{7}\right) =$
3.  $\left(-4\frac{2}{3}\right) \div \left(-3\frac{1}{2}\right) \cdot 1\frac{1}{5} =$
4.  $3 \cdot \left(1\frac{1}{2}\right) \cdot \left(2\frac{2}{3}\right) =$
5.  $\left(-11\frac{1}{2}\right) \cdot 5\frac{1}{4} \left(-\frac{2}{7}\right) =$
6.  $\left(-9\frac{3}{5}\right) \div 10 \cdot \left(4\frac{3}{8}\right) =$
7.  $2\frac{1}{7} \cdot \left(-1\frac{3}{8}\right) \div 9\frac{3}{7} =$
8.  $\left(-\frac{2}{11}\right) \cdot 7\frac{1}{3} \left(-10\frac{1}{4}\right) \div \frac{2}{3} =$