

Rational Numbers Quiz Review

1. Adding and Subtracting Fractions
 - a) You must have a common denominator.
 - b) Change to an improper fraction to add and subtract.
 - c) Report your answer as a mixed number.
2. Multiply and Dividing Fractions
 - a) Change to an improper fraction and multiply the tops and multiply the bottoms.
 - b) You do not need a common denominator to multiply.
 - c) To divide, multiply by the reciprocal.
 - d) Report your answer as a mixed number.
3. Exponents and BEDMAS
 - a) Watch out for the negative sign.
 - b) Follow BEDMAS.
 - c) Always plug a number into an equation using brackets.

***REVIEW WHEN YOU HAVE A NEGATIVE MIXED NUMBER AND IMPROPER FRACTION.

Example One

Calculate.

$$7\frac{1}{3} + 2\frac{1}{2}$$

Example Two

Calculate.

$$7\frac{1}{5} \times 4\frac{5}{6}$$

Example Three

Calculate.

$$10\frac{5}{8} \div 5\frac{1}{3}$$

Example Four

Evaluate.

$$16 - [3(6 - 3) - 12] + 10^2 \div 2$$

Complete: p. 40 #1bd, 5a, 6a, 12.