

This is a guided study guide as seen by students. **Designed for Student Success!**
 It allows for **diverse real-life** practice then self-assessment and self-correction.
 Students should have access to **all answers** to take charge of their own learning.
 This is the first of (4) SGs then these same problems are mixed for last (4) SGs.
 All Modules has (8) specially designed SGs (4) in **groups** and (4) **not in groups**.

Whole and Fraction - Whole and Decimal Problems

$$\frac{3}{4} + 2 = \underline{\quad\quad} \qquad .4 + 2 = \underline{\quad\quad}$$

$$3 - \frac{4}{5} = \underline{\quad\quad} \qquad 2 - .7 = \underline{\quad\quad}$$

$$\frac{2}{3} \times 4 = \underline{\quad\quad} \qquad .23 \times 4 = \underline{\quad\quad}$$

$$5 \div \frac{1}{2} = \underline{\quad\quad} \qquad 6 \div .8 = \underline{\quad\quad}$$

Whole and Mixed - Fraction and Decimal Problems

$$2 \frac{1}{4} + 3 = \underline{\quad\quad} \qquad .03 + \frac{1}{4} = \underline{\quad\quad}$$

$$4 - 1 \frac{2}{3} = \underline{\quad\quad} \qquad .8 - \frac{3}{5} = \underline{\quad\quad}$$

$$2 \frac{1}{2} \times 5 = \underline{\quad\quad} \qquad \frac{3}{4} \times .02 = \underline{\quad\quad}$$

$$2 \div 1 \frac{4}{5} = \underline{\quad\quad} \qquad .3 \div \frac{3}{5} = \underline{\quad\quad}$$

Exponents and Square Root Problems

$$3^2 + \sqrt{4} = \underline{\quad\quad} \qquad .05 + 1 \frac{3}{5} = \underline{\quad\quad}$$

$$\sqrt{81} - 7^0 = \underline{\quad\quad} \qquad 2 \frac{1}{2} - .6 = \underline{\quad\quad}$$

$$2^3 \times \sqrt{9} = \underline{\quad\quad} \qquad .07 \times 1 \frac{1}{4} = \underline{\quad\quad}$$

$$\sqrt{64} \div 5^1 = \underline{\quad\quad} \qquad 2 \frac{1}{5} \div .4 = \underline{\quad\quad}$$

Proportion and Percent Problems

$$\frac{1}{2} : \frac{1}{3} = \underline{\quad\quad} : \frac{1}{4} \qquad 7 \text{ is } \underline{\quad\quad}\% \text{ of } 20$$

$$.06 : .3 = .4 : \underline{\quad\quad} \qquad 15\% \text{ of } \underline{\quad\quad} = 6$$

$$\frac{1}{3} : \underline{\quad\quad} = \frac{1}{4} : \frac{1}{6} \qquad \underline{\quad\quad} \text{ is } 30\% \text{ of } 40$$

$$\underline{\quad\quad} : .04 = .6 : .03 \qquad 125\% \text{ of } 12 \text{ is } \underline{\quad\quad}$$