

Place Value Minus Answer Key

1. $(4 + 0.5 + 0.06) - (1 + 0.2 + 0.03) = 3.33$
2. $(7 + 0.8 + 0.04) - (3 + 0.4 + 0.01) = 4.43$
3. $(9 + 0.3 + 0.05) - (2 + 0.1 + 0.02) = 7.23$
4. $(6 + 0.7 + 0.00) - (4 + 0.2 + 0.05) = 2.45$
5. $(8 + 0.9 + 0.01) - (5 + 0.3 + 0.08) = 3.53$
6. $(5 + 0.6 + 0.03) - (2 + 0.5 + 0.01) = 3.12$
7. $(3 + 0.4 + 0.08) - (1 + 0.1 + 0.06) = 2.32$
8. $(9 + 0.0 + 0.02) - (4 + 0.8 + 0.00) = 4.22$

Teacher's Guide

- Model the first problem together by expanding each decimal into ones, tenths, and hundredths.
- Remind students to subtract matching place values before writing the answer in standard form.
- Encourage students to label each place value as they expand the numbers.
- Pair students to compare their expanded forms before solving.
- Provide place value charts for students who need additional support.
- Challenge advanced students to write one subtraction problem that requires regrouping and solve it using expanded form.
- Connect the expanded form method to the standard subtraction algorithm by discussing how both use place value.
- Have students explain which method they prefer and why.