

Decimal Jumps Answer Key

1. Equation: $1.20 + 0.45 = 1.65$
Sum: 1.65
2. Equation: $2.75 + 0.30 = 3.05$
Sum: 3.05
3. Equation: $4.10 + 0.85 = 4.95$
Sum: 4.95
4. Equation: $3.55 + 0.40 = 3.95$
Sum: 3.95
5. Equation: $5.25 + 0.65 = 5.90$
Sum: 5.90
6. Equation: $7.40 + 0.28 = 7.68$
Sum: 7.68

Teacher's Guide

- Model the first problem by drawing a curved jump from the starting decimal to the ending decimal on an open number line.
- Encourage students to estimate where the jump should end before calculating the exact sum.
- For students needing support, provide number lines with evenly spaced tick marks labeled by tenths.
- Ask students to explain how the number line shows that addition moves the value forward.
- Let pairs compare their jump drawings and discuss different ways to partition larger jumps.
- Extend the activity by having students create their own decimal addition problems and draw matching number line models for a partner to solve.