**Number Sentences to Encourage Relational Thinking**(Adapted from Carpenter, Franke, & Levi, 2003)

*Directions*: Use relational thinking to determine if the given number sentence is true or false or to solve for the unknown amount. (DO NOT COMPUTE THE VALUES OF EITHER SIDE OF THE EQUATION!) Describe your relational thinking strategy. (Alert: Think very carefully about subtraction and division situations!)

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| (a) 37 + 56 = 39 + 54 | (b) 33 – 27 = 34 – 26 |
| (c) 82 – 47 = □ – 48 | (d) 471 – 382 = 474 – 385 |
| (e) 859 – □ = 758 – 269 | (f) 37 × 54 = 38 × 53 |
| (g) 60 × 48 = 6 × 480 | (h) 5 × 84 = 10 × 42 |
| (i) 64 ÷ 14 = 32 ÷ 28 | (j) 42 ÷ 16 = 84 ÷ 32 |