

[1] [D]

[2] [C]

[3] [D]

[4] [C]

[5] [D]

[6] [C]

[7] [D]

[8] [A]

[9] [A]

[10] [A]

[11] [A]

[12] [C]

[13] [C]

[14] [A]

[15] [A]

[16] [C]

[17] [B]

[18] [B]

[19] [A]

[20] [A]

[21] [D]

[22] [B]

[23] [C]

[24] [C]

[25] [A]

[26] [A]

[27] [C]

[28] [B]

[29] [D]

[30] [A]

[31] [D]

[32] [B]

[33] [D]

[34] [D]

[35] [A]

[36] [C]

[37]  $(f - g)(x) = -x^2 + x + 12$

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[38]  $(f \cdot g)(x) = x^3 - 2x^2 - 4x + 8$

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[39]  $\frac{f}{g}(x) = 1 + x$

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[40]  $(f + g)(x) = -x^2 - x + 12$

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[41] [D]

[42] [A]

[43] [B]

[44] [C]

[45] [A]

[46] [B]

[47] [B]

[48] [C]

[49] [B]

[50] [B]

$$(g \circ f)(x) = 10x + 21$$

[51]  $(f \circ g)(x) = 10x + 15$

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$$(f \circ g)(x) = 3x^2 + 15$$

[52]  $(g \circ f)(x) = 9x^2 + 36x + 39$

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$$(g \circ f)(x) = 7x - 1$$

[53]  $(f \circ g)(x) = 7x - 13$

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$$(f \circ g)(x) = 6x^2 - 1$$

[54]  $(g \circ f)(x) = 36x^2 + 60x + 24$

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$$(g \circ f)(x) = 4x + 1$$

[55]  $(f \circ g)(x) = 4x - 5$

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$$(f \circ g)(x) = 5x^2 - 16$$

[56]  $(g \circ f)(x) = 25x^2 + 40x + 12$

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$$(f \circ g)(x) = -12x + 7$$

[57]  $(g \circ f)(x) = -12x + 8$

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$$(g \circ f)(x) = 4x^2 + 24x + 35$$

[58]  $(f \circ g)(x) = 2x^2 + 4$

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$$(f \circ g)(x) = 6x - 20$$

[59]  $(g \circ f)(x) = 6x - 5$

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$$(g \circ f)(x) = 49x^2 - 70x + 23$$

[60]  $(f \circ g)(x) = -7x^2 + 19$

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