

Napište obecnou rovnici roviny α , pro kterou platí: $A, B, C \in \alpha$.

Napište obecnou rovnici roviny β , pro kterou platí: $A \in \beta$, $\beta \perp BC$.

ZADÁNÍ

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| a) | $\alpha : 9x + 35y - 91z + 19 = 0,$ |
| $A = [1, 7, 3], B = [8, 0, 1], C = [1, -6, -2],$ | $\beta : 7x + 6y + 3z - 58 = 0,$ |
| b) | $\alpha : 12x + 9y - 24z - 51 = 0,$ |
| $A = [3, -9, -4], B = [6, 3, 2], C = [3, -1, -1],$ | $\beta : 3x + 4y + 3z + 39 = 0,$ |
| c) | $\alpha : 4x + 11y + 65z - 16 = 0,$ |
| $A = [4, 0, 0], B = [-4, -3, 1], C = [1, 7, -1],$ | $\beta : 5x + 10y - 2z - 20 = 0,$ |
| d) | $\alpha : -17x + 8y + 28z + 29 = 0,$ |
| $A = [1, 9, -3], B = [5, 0, 2], C = [1, -5, 1],$ | $\beta : -4x - 5y - z + 46 = 0,$ |
| e) | $\alpha : -3x + 25y + 15z - 51 = 0,$ |
| $A = [3, 3, -1], B = [8, 3, 0], C = [-2, 0, 3],$ | $\beta : -10x - 3y + 3z + 42 = 0,$ |
| f) | $\alpha : 38x + 6y + 23z + 54 = 0,$ |
| $A = [1, 0, -4], B = [-2, -4, 2], C = [-1, 5, -2],$ | $\beta : x + 9y - 4z - 17 = 0,$ |