

$$\begin{aligned}15c + 38d &= 9(2d + 1) - 3 \\6d - 4c + 2 &= 7(c + 3)\end{aligned}$$

Consider the system of equations above. How many solutions  $(c, d)$  does this system have?

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- ☐ A 0
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- ☐ B Exactly 1
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- ☐ C Exactly 2
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- ☐ D Infinitely many
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