Systems of Equations

A) Determine whether the ordered pair is a solution to the given system of equations.

1) $(-7, 8)$; $-7b = -77 - 3a$, $5a + 2b + 19 = 0$

2) $(0, 6)$; $-9 = p + 2q$, $9p - 8q = 54$

3

B) 1

a

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2) Check whether $(-5, 7)$ is a solution to the systems of linear equations.

a) $-5m + 7n = 74$, $m - 5n = -40$

b) $3r = -22 + 5s$, $-2s - 9r = 47$

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