Answer on Question #58788– Math– Algebra

Question

Solve for *x* and *y*:

3*x*+4*y*=9,2*x*+3*y*=8.

Solution

We have the system of linear equations

$$\begin{cases} 3x + 4y = 9\\ 2x + 3y = 8 \end{cases}$$
(1)

Expressing x from the first equation of (1) and substituting for x into the second equation of (1) we obtain

Answer: *x*=-5, *y*=6.

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