

LATEX PRACTICE

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Math AoPS
 $5u = -7 - 2v$
 $3u = 4v - 25$

$$\begin{aligned} 10u &= -14 - 4v \\ 10u &= -4v - 14 \end{aligned}$$

$$\begin{aligned} 13u &= -39 \\ u &= -3 \end{aligned}$$

$$v = \frac{4v}{4} = \frac{3u + 25}{4} = \frac{3(-3) + 25}{4} = \frac{-9 + 25}{4} = \frac{16}{4} = 4$$