A light flashes every 42 seconds. A buzzer buzzes every 3 minutes. They both operate, how long until they both operate again?

Find $x$

A coin is flipped and a dice is rolled. What is the probability of a tail and a 1?

$\begin{align*} a &= \begin{pmatrix} 6 \\ -4 \end{pmatrix} \\ b &= \begin{pmatrix} -2 \\ 1 \end{pmatrix} \end{align*}$

Work out $2a - b$