**Equating Coefficients in Vectors**

Find the values of $λ$ and $μ$ by equating coefficients of $a$ and $b$.

(a) $4a+λb=μa+6b$

(b) $λa-5b=-2a+μb$

(c) $λa+μb=2a+6b+3a-3b$

(d) $-3a+λb=2a-b+μa+5b$

(e) $2\left(2a-μb\right)+3a+10b=λa+6b$

In the vector diagrams shown, find the values of $λ$ and $μ$.

(a)

(b)

In the vector diagrams shown, find the values of $λ$ and $μ$.

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