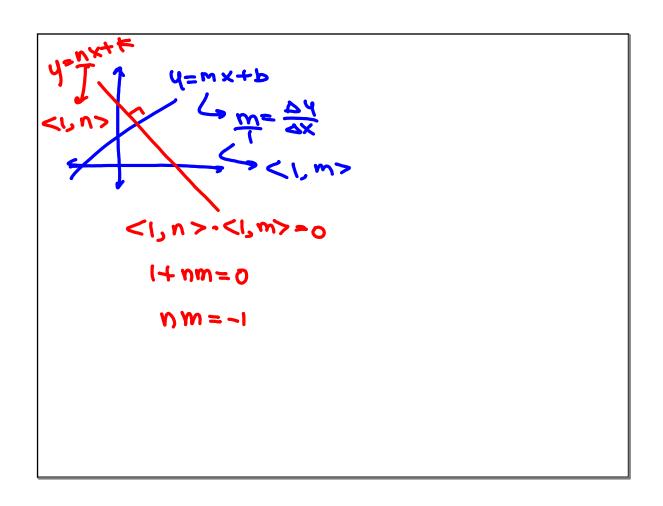
$$a \cdot b = |a||b||\cos \theta$$
 $a \cdot b = |a||b||\cos \theta$
 $a \cdot b = -6 + 0 + 10 = 4$
 $|a| = \sqrt{30}$
 $|b| = \sqrt{13}$
 $|a| = \sqrt{30}$
 $|b| = \sqrt{13}$
 $|a| = \sqrt{30}$
 $|b| = \sqrt{13}$
 $|a| = \sqrt{30}$
 $|b| = \sqrt{13}$

cosθ = (α | b) = 4 θ=78, α.ρ=0 ~ αΤΡ



may of Projec=

Projection (Compact)

$$|a'| = |a| \cos \theta = \frac{a \cdot b}{|b|}$$
 $|a'| = \frac{a \cdot b}{|b|}$

Projection $|a| = \frac{a \cdot b}{|b|}$

$$a = \langle 2, 1, 5 \rangle$$

$$b = \langle -3, 0, 2 \rangle$$

$$Comp_b Q = \frac{0.6}{151} = \frac{4}{151} = \frac{53}{151}$$

$$Phoj_b Q = \frac{0.6}{151} = \frac{4}{153} =$$

$$d = \frac{|Ax_1 + By_1 + c|}{|Ax_1 + By_1 + c|}$$

$$A = \frac{|Ax_1 + By_1 + c|}{|Ax_1 + By_1 + c|}$$

$$A = \frac{|Ax_1 + By_1 + c|}{|Ax_1 + By_1 + c|}$$

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