Classify the following in $\Re^3$

(2, 1, -4)

<2, 1, -4>

x + 3y – 2z = 6

x = 1 + t, y = -2 + 3t, z = 4 – 6t

U

A

$\overrightarrow{AB}$

x – y = 5

(1, 3, -4) and <3, -1, -5>

U + A

9A

3**U**

UV

$\mathbf{U} \cdot \mathbf{W}$

$A \cdot B$

$A \times B$

$\mathbf{U} \times \mathbf{W}$