Scalar -

Vector -

To the right is a pictoral representation of a vector.

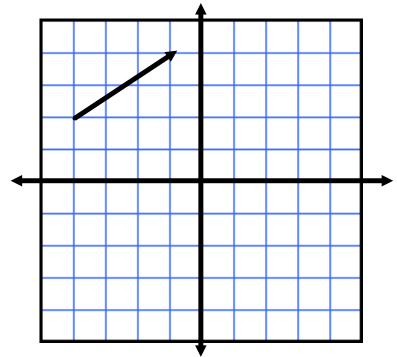Properly name the vector: _____

Magnitude of the vector: _____

Definition of Equivalent vector -

Definition of Standard Position -

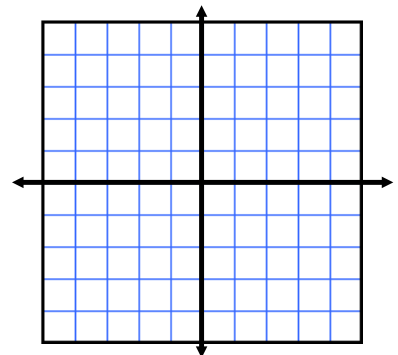Draw the equivalent vector in standard position.
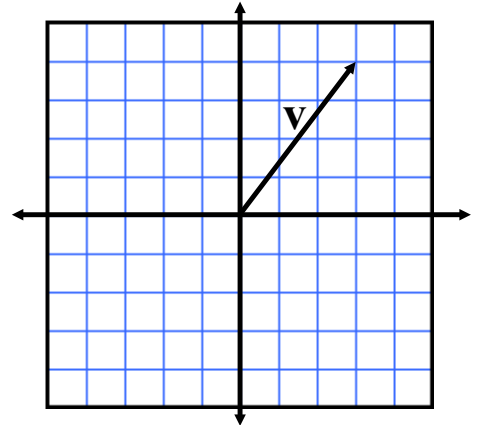
Write the vector in Component Form -

Definition of Unit Vector -

Definition of Zero Vector -
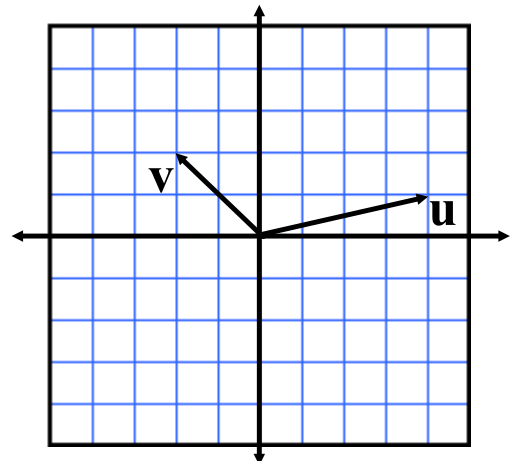
Standard Unit Vectors -

Write **v** as a linear combination of unit vectors.

Given **u** and **v** at the right.

What is the component form of **u**?

What is the component form of **v**?

Graphically and Algebraically, what is 2**v**?

Graphically and Algebraically, what is **v** + **u**?

Graphically and Algebraically, what is **u** - **v**?

Assignment:
pg. 540
1-24 all,
37-42 all.