

Sorry, but I lost the work that was done on these slides.

Check the handouts (blank and completed)

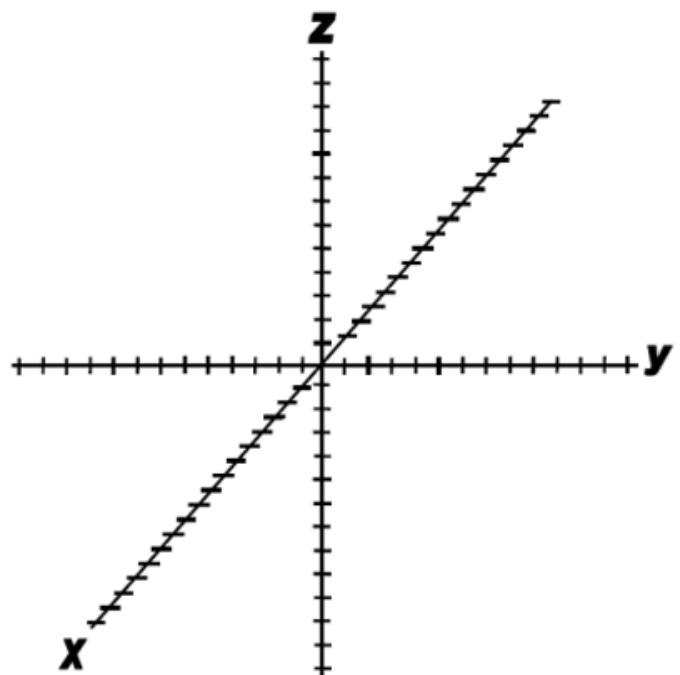
Learning Goal: I will be able to add vectors in \mathbb{R} in their component form and use scalar multiplication.

Minds On: Out for a walk

Action: 1. Class Examples
2. Practice on page 324

Consolidation: Exit Question

Draw the 3 dimensional vector $(5, 3, 4)$. We relate this vector to a rectangular prism – draw it.



Minds On

Mr. Gilbert, Joanna, Clarke and Elliott are heading to the Jays game.

They leave their house and drive 98 km south and 2 km east to the Tanger Outlet mall so Mr. Gilbert can buy a hat. He did. It's sweet!

They then drive 2 km back to the highway and another 54 km south, 6 km east and 2 km North to Wilson station to get on the subway to go to the Jays game. Wilson station is closed, so they drive 8.5 km North East to Finch station.

- a) How many km did they they drive in total?

- b) Use your information to figure out what specific directions they would have driven if they had just left their house and gone straight to Finch without stopping at Wilson.

- c) If a bird flew from their house to Finch Station, how much shorter would the journey be?

Action

Note

See handouts