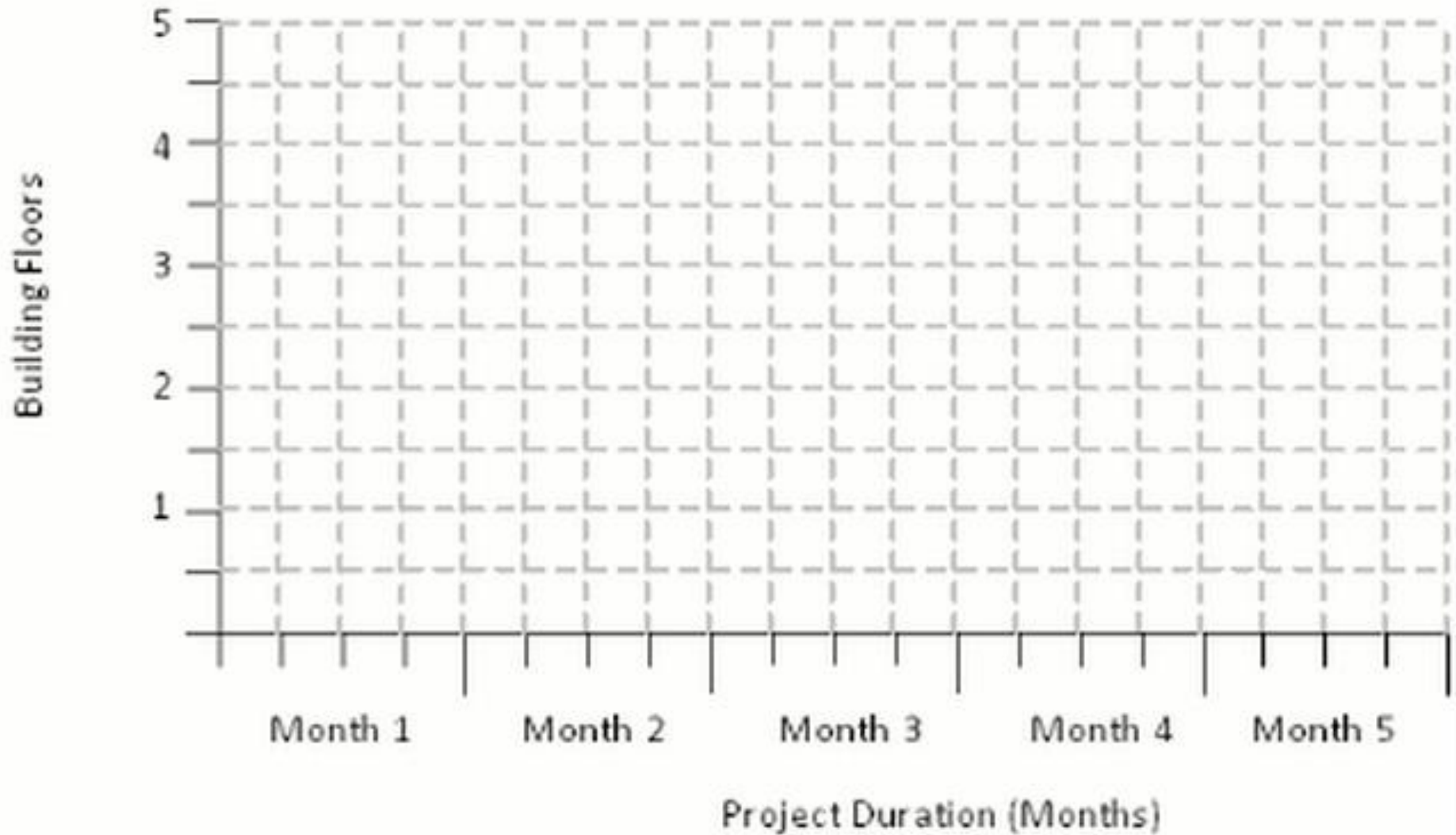
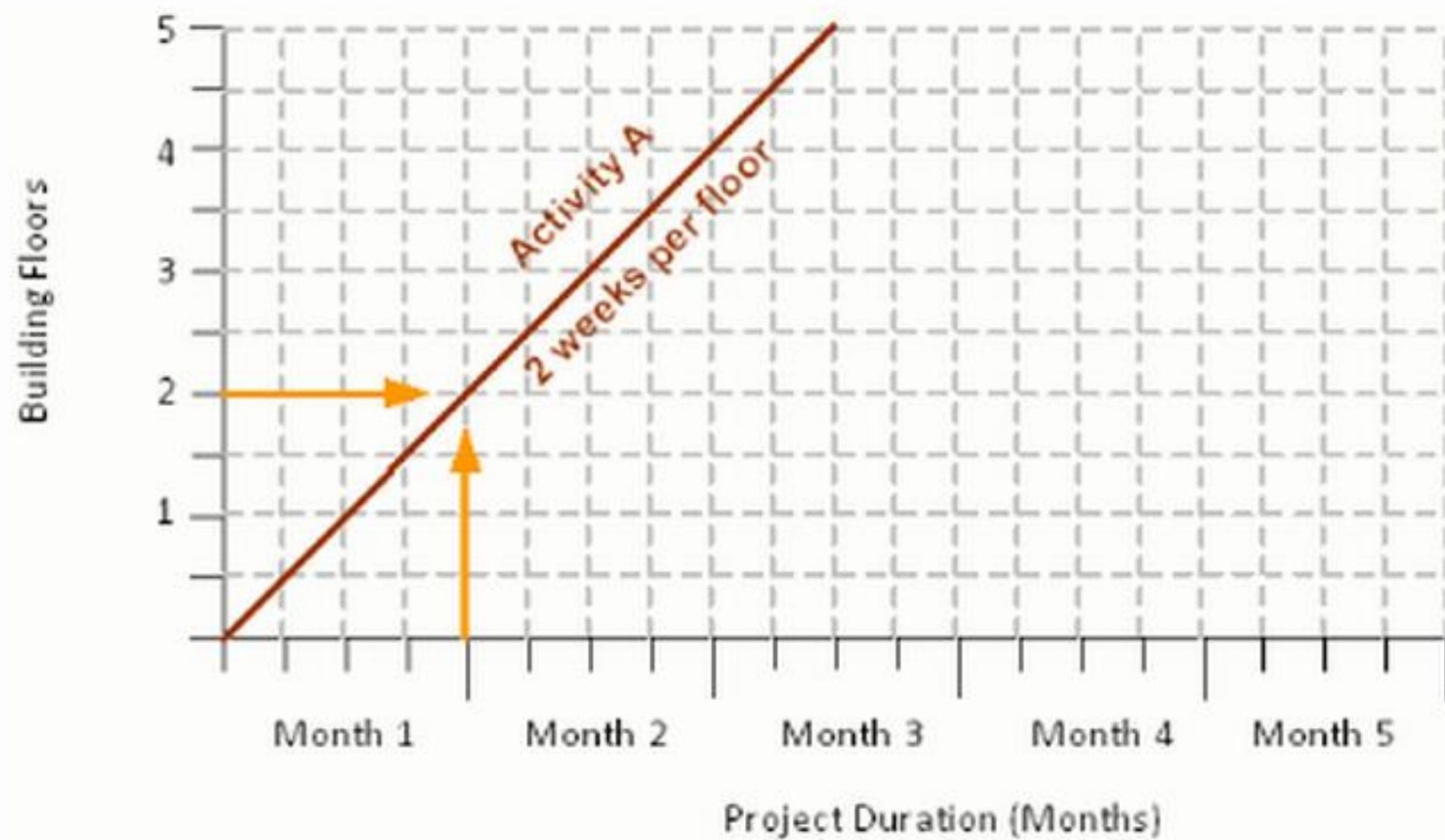


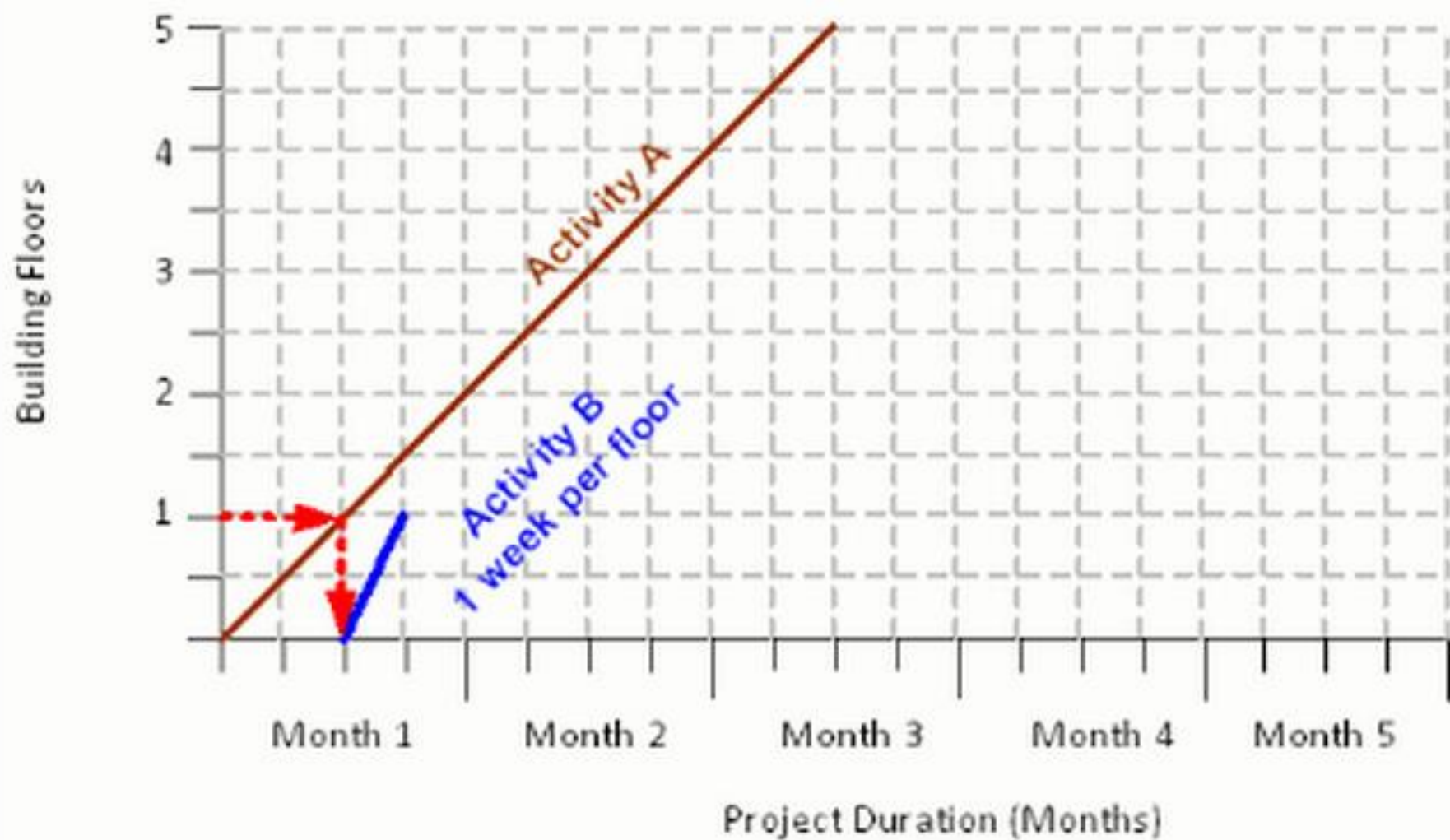
# Line of Balance Technique

- repeated blocks of activities.
- Examples of these kinds of projects include road and high-rise construction.
- Arrow and Precedence Diagramming are both able to model these types of schedules effectively.
- The Line-of-Balance (also known as the Vertical Production Method) is a graphical technique that can be used in conjunction with Arrow or Precedence Diagrams.

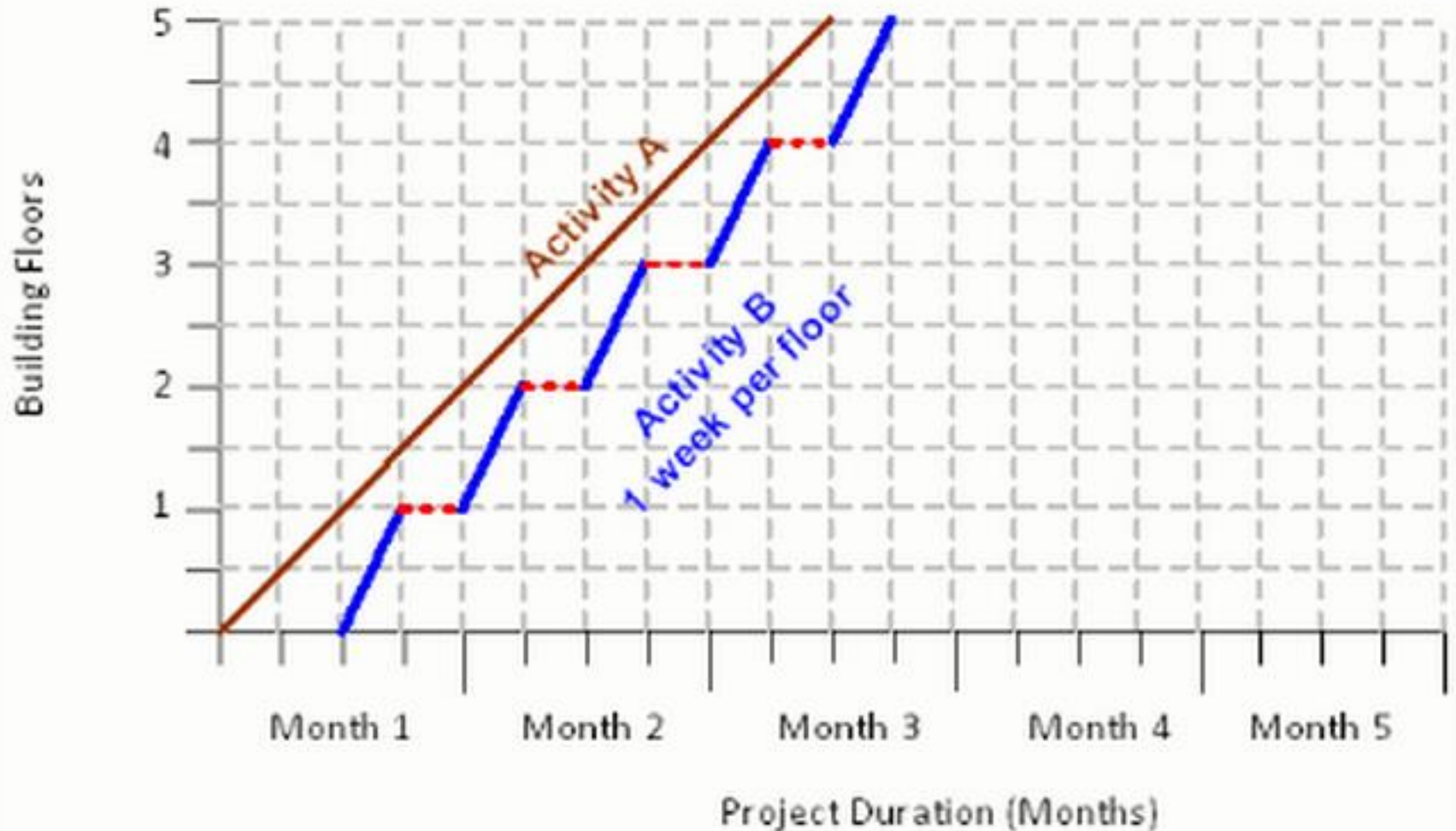
# Example

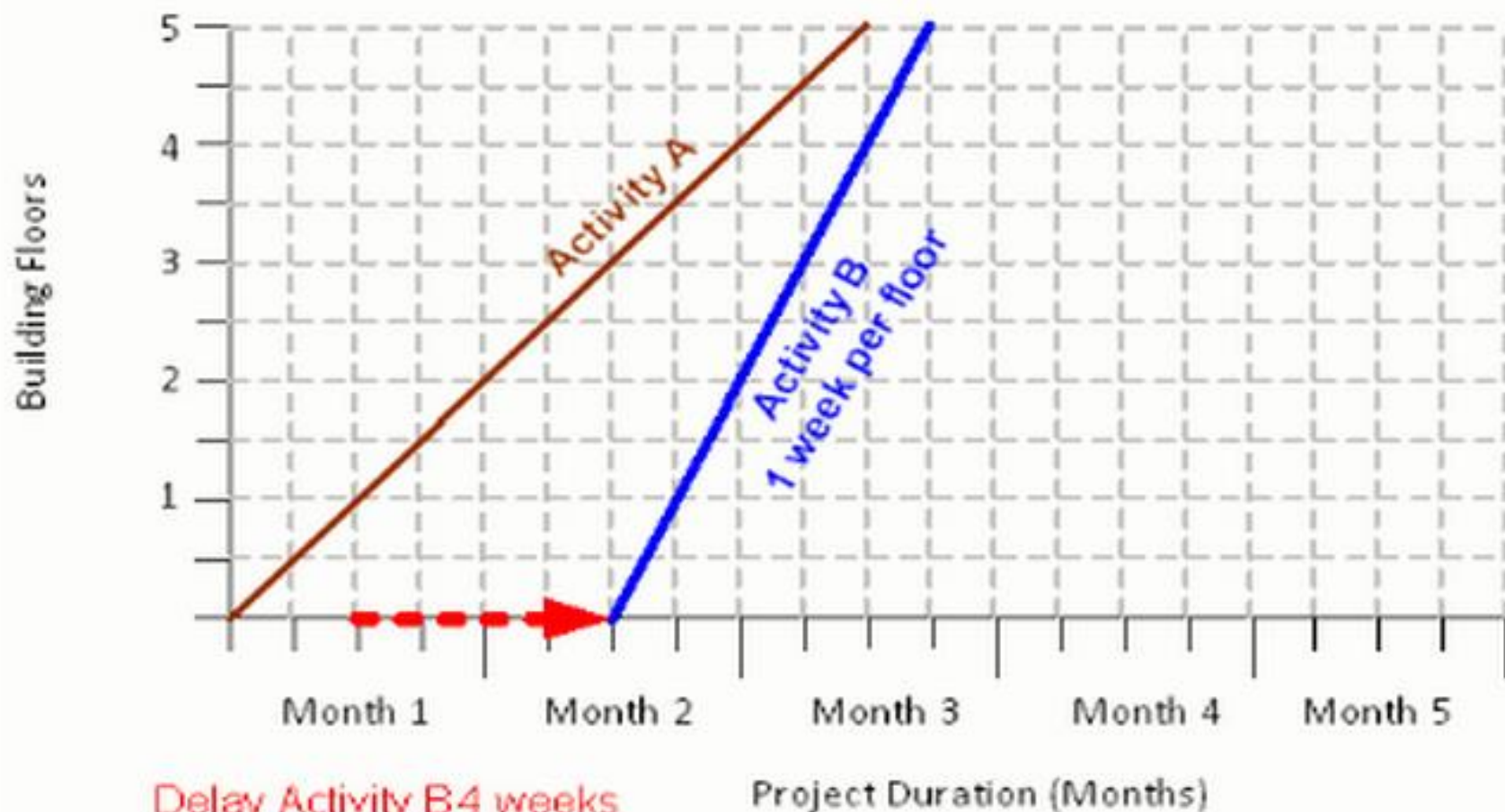






gap means that the crew is waiting around for Activity A to clear





Delay Activity B 4 weeks  
to keep crew productive

Project Duration (Months)

# Regulatory requirements in construction...

importance, categories of laws

# Categories of laws in construction

## A) General :

- Labor laws:
  - Workmen's Compensation Act 1923
  - Minimum wages act, 1948
  - The building and other construction workers (regulation of employment and conditions of service) Act, 1996 and Rules 1998.
- Indian Contract Act 1972 , Arbitration and Conciliation Act of 1996.
- The Land Acquisition Act, 1894
- Architects Act, 1972
- Constitutional Laws/provisions/preamble
- Right to Information Act, 2005
- Intellectual property rights/ copy right
- Taxation Acts
- Corporate Law



## **B) Special purpose Laws**

- Utility services laws
  - Work permits on public health, water supply and sewage disposal, electricity.
- Codes, Model Building Byelaws
- Environment (Protection) Act, 1986