2.18.16

tinson is building a concrete patio in his backyard and deciding where to buy the materials a
tools needed for the project. The table below shows the materials' cost and daily rental costs
fferent stores. Use this table for 5 & 6.

Materials' Cost, M (dollars)	Rental cost of wheelbarrow, W (dollars per day)	Rental cost of concrete mixer, K (dollars per day)
750	15	65
600	25	80
700	20	70

$$750 + 15x + 65x \qquad y = 600 + 25x + 80x$$

hat number of days, x, will the total cost
g the materials and renting the tools from
be less than or equal to the total cost of
he materials and renting tools from Store

$$A = B @ 6 \text{ days}$$

$$B < A$$

B) x≥6   C) x≤ 7.3   D) x≥ 7.3

6) If the relationship between the total cost, y, c
buying the materials and renting the tools at St
C and the number of days, x, for which the tools
are rented is graphed in the xy-plane, what does
the ⟨slope⟩ of the line represent?

A) The total cost of the project.
B) The total cost of the materials. — y-int
C) The total daily cost of the project.
D) The total daily rental costs of the tools.

$$y = \boxed{90}x + 700$$

Total
Cost 700

# of days → X