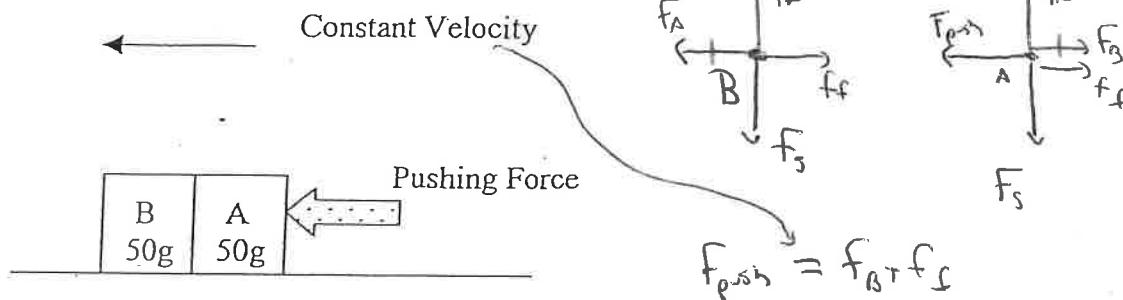


Answers  
(F4) Force Comparisons

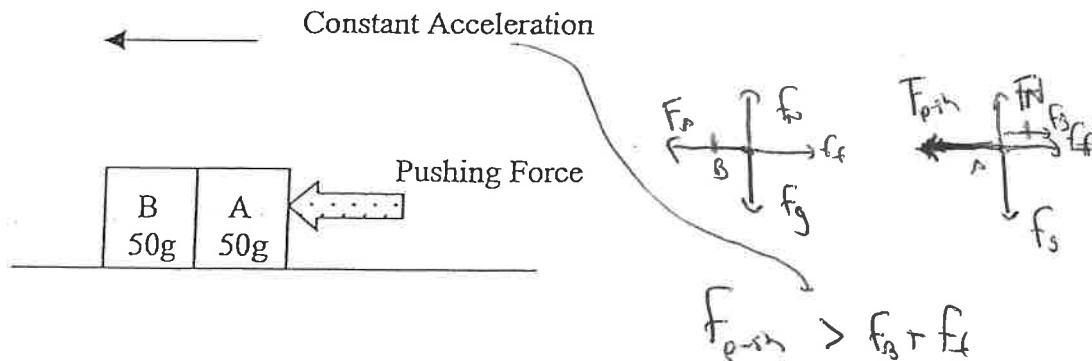
Assume some friction exists in each situation. For each of the following situations do the following:

1. Draw a force diagram for block A.
2. Draw a force diagram for block B.
3. Determine which applies more force
  - a. Block A applies more force to block B
  - b. Block B applies more force to block A
  - c. Block A and B apply equal forces
4. Compare the horizontal forces on object A. ( $=$ ,  $>$  or  $<$ )

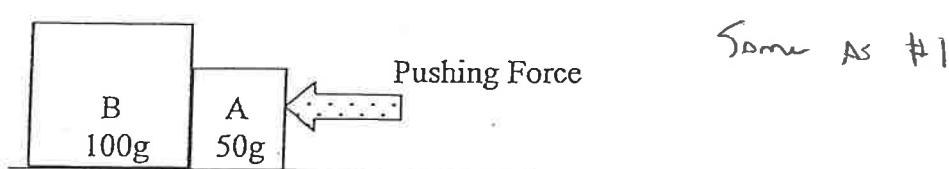
1. C



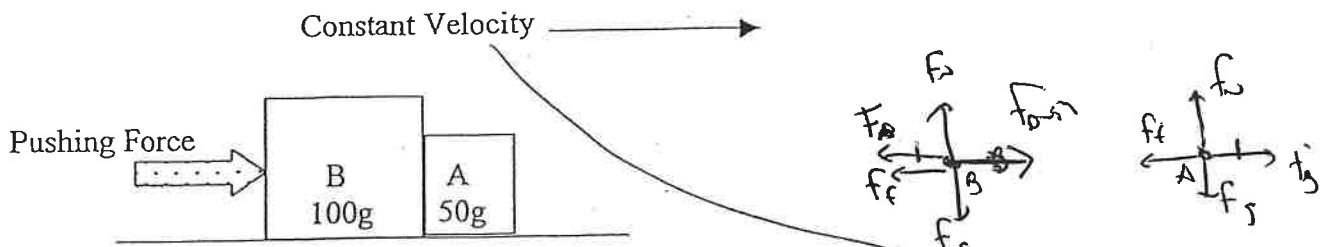
2. C



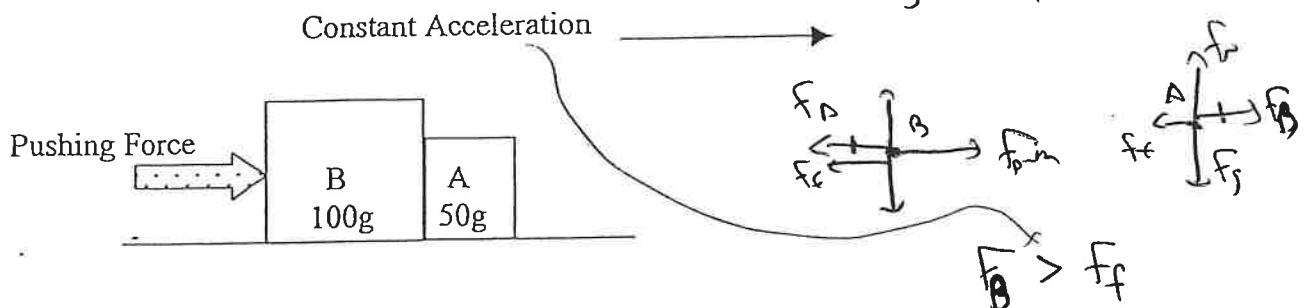
3. C



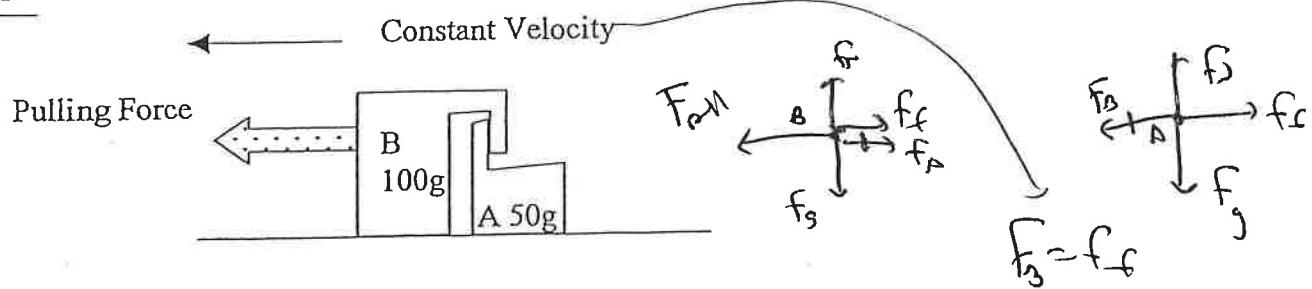
4. C



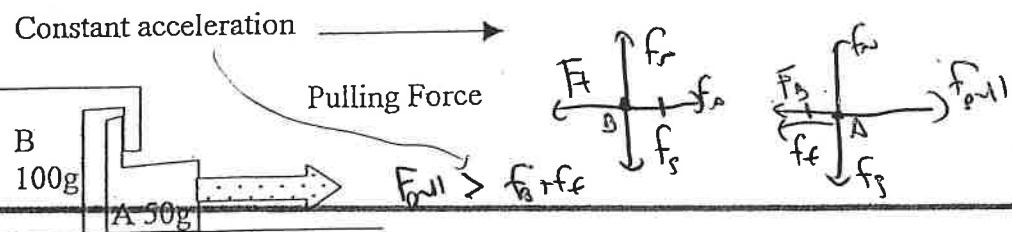
5. C



6. C



7. C



8. C

