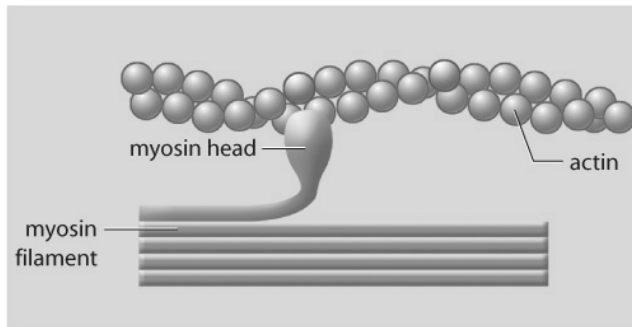
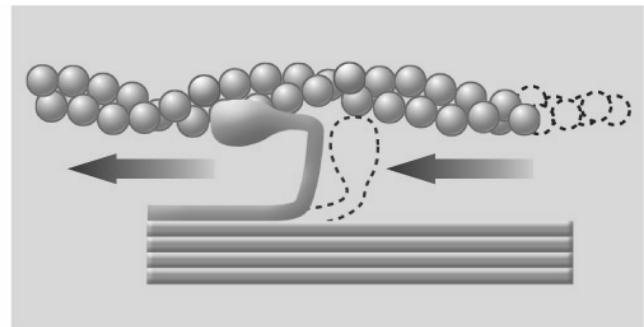
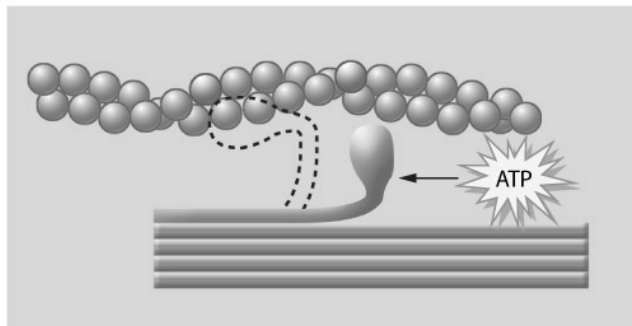
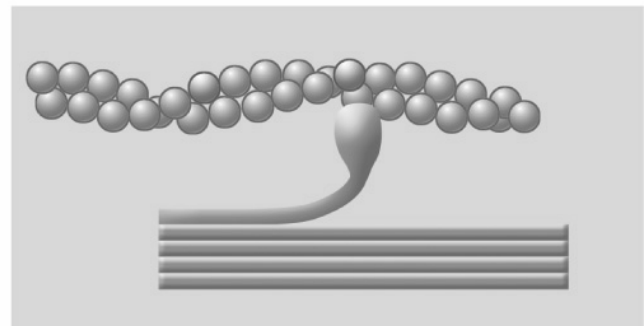


CHAPTER 10**HANDOUT****Contraction of a Skeletal Muscle****BLM 10.1.4****A** The myosin head is attached to actin.**B** The myosin head flexes, advancing the actin filament.**C** The myosin head releases and unflexes, powered by ATP.**D** The myosin reattaches to actin farther along the fibre.

1. In what ways can muscle contractions be considered chemical reactions?

2. The action of the myosin head has been compared to a ratchet. Explain.

3. State precisely the function of ATP in the movement of the actin and myosin filaments.
