Name _____ Date _____

Energetic Activities

In the following competition, Team Potential and Team Kinetic will each try to emerge as the winner. To find out who comes out on top, read the description of each player's energetic action. Then check the correct box to indicate which team can take credit for the action. When finished, total the scores and show the final results on the scoreboard.

Energy Scoreboard			
Potential		Kinetic	

Team Potential	Team Kinetic	
☐	☐	1. Player 43's rock is at the top of a cliff.
☐	☐	2. Player 14 hurls a shot put.
☐	☐	3. Player 11 aims a stretched rubber band at the target.
☐	☐	4. Player 11 shoots her rubber band toward the goal.
☐	☐	5. The vaulter's pole is stuck in the ground at a slight angle.
☐	☐	6. Player 17 waits, with his bow pulled back, to release the arrow.
☐	☐	7. Player 9 kicks the football.
☐	☐	8. Player 41 hits a hard line drive.
☐	☐	9. The vaulter's pole straightens and lifts him up and over the bar.
☐	☐	10. Player 6 waits at the starting gate in a runner's position.
☐	☐	11. Player 6 sprints from the starting gate in the 100-meter run.
☐	☐	12. Player 10 hits the golf ball with his club.
☐	☐	13. The pitcher stands with his arm above his head and the ball in his hand.
☐	☐	14. Player 32 backhands the ball, which zooms across the court.
☐	☐	15. Player 22 waits to bungee-jump off a platform.
☐	☐	16. Player 17 releases the arrow from his bow.
☐	☐	17. Player 43 pushes the rock over the cliff.
☐	☐	18. Player 22 steps off the platform, plunging rapidly downward.

In your own words, tell the difference between potential and kinetic energy.

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