AP Physics Force Diagrams

AP Physics 1 | Dynamics | Developing

Learner: _____ Date: _____

Describe the free-body diagram and determine the net force. Use right or up as positive.

10 N right and 4 N left act on a box.

Answer: _____

Weight 50 N down and normal force 50 N up.

Answer: _____

A 20 N push right acts with 8 N friction left.

Answer: _____

Tension 30 N up and weight 45 N down.

Answer: _____

Grown-up check: 6 N right; 0 N; 12 N right; 15 N down.

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