

Name: \_\_\_\_\_

## Using force arrows

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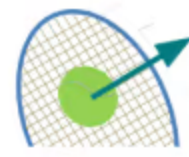
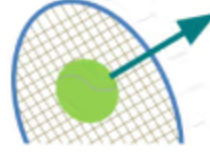
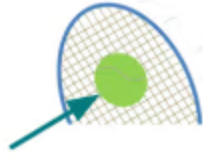
- 1 The size of a force is shown by the \_\_\_\_\_ of a force arrow. (one word) Fill in the blank
- 2 The ball is being thrown forwards. Which force arrow has been drawn in the correct direction to show the force of the hands on the ball? Tick **1** correct answer



- 3 An ice hockey puck is sliding along ice. What is the best phrase to describe the force that slows down the puck? Tick **1** correct answer

- friction force
- the friction of the ice
- the friction of the puck
- the friction force of the ice on the puck
- the friction force of the puck on the ice

4 Which arrow has been correctly placed to show the force of the racket on the ball? Tick **1** correct answer







5 Which arrow has been correctly placed to show the gravitational force of Earth on the ball? Tick **1** correct answer







6 A force of 300 N is drawn 3 cm long. On the same diagram there is also a force of 1200 N acting. How long should this force be drawn? Tick **1** correct answer

 1.2 cm

 12 cm

 120 cm

 1200 cm