

For each of the actions described in the first column below, tell which forces are being used in the second column. Tell if work is done, or if work is not done in the third column. Give a reason for your answer in the fourth column. The first one is done for you.

pull push spin bend squash twist turn balanced

| OBSERVATION                                       | FORCE                | WORK DONE<br>YES or NO | REASON                               |
|---|----------------------|------------------------|--------------------------------------|
| You peel an orange with a knife.                  | turn                 | yes                    | The peel is removed from the orange. |
| You lift your bag of school books from your desk. | <input type="text"/> | <input type="text"/>   | <input type="text"/>                 |
| You hold a ball in your hand.                     | <input type="text"/> | <input type="text"/>   | <input type="text"/>                 |
| You lean on the concrete wall of your classroom.  | <input type="text"/> | <input type="text"/>   | <input type="text"/>                 |
| You brush your teeth.                             | <input type="text"/> | <input type="text"/>   | <input type="text"/>                 |
| You push the trunk of a large tree.               | <input type="text"/> | <input type="text"/>   | <input type="text"/>                 |
| You pick some mangoes.                            | <input type="text"/> | <input type="text"/>   | <input type="text"/>                 |
| You open the curtains.                            | <input type="text"/> | <input type="text"/>   | <input type="text"/>                 |