

A ball if drops off the edge of a table
and has not yet hit the ground.
What forces act on the ball?



A normal force, N
A tension force, T
A friction force, f
A weight, W

**Ignore
air resistance**

1. Only W
2. Only N
3. Only T
4. Only f
5. No forces
6. N and W
7. N , W , and f
8. W and f
9. N and f

What reasoning did you use to
make your decision?

A ball rolls off a table at a pretty good speed and has not yet hit the ground. What forces act on the ball?



A normal force, N
A tension force, T
A friction force, f
A weight, W

**Ignore
air resistance**

1. Only W
2. Only N
3. Only T
4. Only f
5. No forces
6. N and W
7. N , W , and f
8. W and f
9. N and f

What reasoning did you use to
make your decision?

A block is sitting on a table and is being pulled at a constant velocity by a string. What forces act on the block?



A normal force, N

A tension force, T

A friction force, f

A weight, W

1. Only W
2. Only N
3. Only T
4. Only f
5. No forces
6. N and W
7. N , W , and f
8. N , W , T , and f
9. N , W , and T

What reasoning did you use to
make your decision?