I. Write one sentence each for ***transfer*** and ***move***.

Move: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Transfer:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Total No. of Cluster Types: 183

Total No. of Cluster Words: 519

1 97 heat transfer

2 22 transfer of

3 21 the transfer

4 16 transfer to

5 13 power transfer

6 11 energy transfer

7 11 to transfer

8 11 transfer and

9 11 transfer through

10 10 transfer from

11 9 transfer function

12 9 transfer is

Red = number of times

Black = rank

Total No. of Cluster Types: 196

Total No. of Cluster Words: 565

1 96 to move

2 29 move the

3 26 move in

4 17 move to

5 14 will move

6 13 not move

7 12 can move

8 10 and move

9 10 move on

10 10 move with

11 9 the move

12 9 we move

I. What do you notice about the usage of ***move*** and ***transfer*** from the information above?

II. Now look at the sample sentences below. Do you notice anything else? Were your ideas in **Question I** correct?

## transfer

1. This process involves a heat **transfer**. The energy required to break up rk 1 NH, NO,
2. the change in enthalpy for a substance. Solve heat **transfe**r equations for conduction, convection, and radiation
3. along the pipe in meters, and u is in m/s. Due to **heat** transfer into the pipe, the air temperature,
4. with a flowing fluid. Define briefly what heat **transfe**r is. What is an adiabatic flow?
5. and humidity. If **heat** transfer to the water walls and the free surface is
6. temperature rises to 500° C, determine the rate of heat **transfer** to the plates in the
7. may give you the false impression that the **transfer** of energy is 100% efficient.
8. The **transfer** of electron may take place by cyclic…
9. Convection is the **transfer** of energy between surface and the adjacent fluid
10. Find the minimum pressure differential that must be created by the sewage pump

to **transfer** waste of average density.

## move

1. You are probably anxious to **move** on, so I've given you only a few projects
2. to act when the state fails to **move** or moves too slowly and
3. Water-soluble chemicals are likely to **move** vertically down the soil to the aquifer and
4. While the plume is rising, bending, and beginning to **move** in a horizontal direction,
5. meter, and 0.5 in. in height of mercury. Machines to **move** fluids or to extract power
6. What size pipe should be used to **move** water at 15 O C and average velocity of 1 m/s if
7. flow channels, or passages force the fluid to **move**. In this case we have a pump.
8. request cannot be satisfied, the GC can elect to **move** on to older generations potentially
9. …then by using a table, we can always choose a **move** based only on the current position.
10. For every time step, the ants randomly try to **move** up, down, left, or right.

III. Which words do you think **probably** go with ***transfer*** and ***move***? Write ***transfer*** or ***move*** in the spaces.

**Transfer**

**Move**

1. \_\_\_\_\_\_\_\_around
2. \_\_\_\_\_\_\_\_down
3. \_\_\_\_\_\_\_\_along the surface
4. \_\_\_\_\_\_\_\_of energy
5. \_\_\_\_\_\_\_\_of motion from
6. power \_\_\_\_\_\_\_\_is
7. to \_\_\_\_\_\_\_\_ in a circle
8. the rate of \_\_\_\_\_\_\_\_was
9. we can \_\_\_\_\_\_\_\_the department to
10. you need to \_\_\_\_\_\_\_\_your hand through

IV. Read the sentences. Are ***transfer*** and ***move*** being used in the usual way? Circle yes or no.

1. The process allows us to **move** heat from the source quickly and easily.

yes no

1. You can **transfer** the cursor on the screen with the mouse.

yes no

1. Heat **transfer** is a common phenomenon in the world; it can be seen in the cooling of a cup of coffee to a fire in a fireplace heating a room.

yes no

1. When you are on a long flight, it is a good idea to get-up and **move** around every couple of hours.

yes no

1. We have to **move** the electricity from the power station to people’s homes.

yes no

1. To **transfer** the object along the surface of the table, you can use the tongs.

yes no

1. The **transfer** of the electron’s spin can be determined with the following equations quite accurately.

yes no

V. Write a short paragraph that is 4-5 sentences long that uses ***transfer*** as a noun and as a verb. Also, use ***move*** as verb in the same paragraph .

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