

# Transfer-Move

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

Move:

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Transfer:

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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

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

Red = number of times

Black = rank

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

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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  $1 \text{ mol}$   $\text{NH}_3$ ,  $\text{NO}$ ,
2. the change in enthalpy for a substance. Solve heat **transfer** equations for conduction, convection, and radiation
3. along the pipe in meters, and  $u$  is in  $\text{m/s}$ . Due to **heat** transfer into the pipe, the air temperature,
4. with a flowing fluid. Define briefly what heat **transfer** 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  $500^\circ \text{C}$ , 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  $15^\circ \text{C}$  and average velocity of  $1 \text{ m/s}$  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.

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

### Transfer

### Move

- |                            |  |
|----------------------------|--|
| 1. _____ around            | 6. power _____ is                          |
| 2. _____ down              | 7. to _____ in a circle                    |
| 3. _____ along the surface | 8. the rate of _____ was                   |
| 4. _____ of energy         | 9. we can _____ the department to          |
| 5. _____ of motion from    | 10. you need to _____ your hand<br>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

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

yes                  no

3. 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

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

yes                      no

5. We have to **move** the electricity from the power station to people's homes.

yes                      no

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

yes                      no

7. 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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