Task Cards will cover the following:

- conduction, convection, and radiation
- heat versus temperature
- heat moving from warmer to cooler objects
- thermal equilibrium and everyday examples of heat transfer

#1

Fill in the blanks.

Heat naturally transfers from _____ objects to _____ objects.

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#2

Which type of heat transfer occurs through direct contact?

A. conduction
B. convection
C. radiation



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#3

You feel the warmth of the Sun on your face. Which type of heat transfer is occurring?

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#4

True or False?

Convection can occur in liquids and gases.

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#5

How does the meaning of these terms differ?

heat and temperature

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#6

Two objects in contact reach the same temperature. This condition is called

_____

_____.



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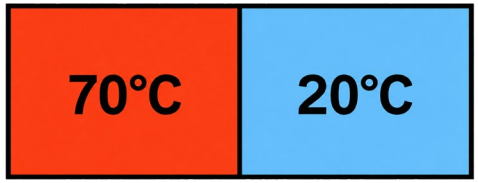
#7

A metal spoon sits in hot soup. Which method transfers heat along the spoon to its handle?

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#8

Draw an arrow showing the direction of heat transfer between the blocks.



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Name _____

Date _____

Heat Transfer Task Cards

1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24

PREVIEW

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