



Name _____

Energy

Heat Movement

Purpose: To determine whether heat travels from warm to cold or from cold to warm.

Materials:

2 thermometers	Hot water	Cold water
Large beaker	Small beaker	

Procedure:

1. Fill the large beaker $\frac{1}{2}$ full of hot water.
2. Fill the small beaker $\frac{1}{2}$ full of cold water.
3. Place a thermometer in each beaker.
4. Record the two temperatures.
5. Carefully set the small beaker WITH THE TERMOMETER STILL IN THE BEAKER inside the large beaker.
6. Check both water temperatures after 10 minutes.
7. Record final temperatures.

Data:

Water Temperature in °C

	Starting T	Final T
Large beaker / Hot water		
Small beaker / Cold water		

Conclusion:

Which way does heat travel? Explain your answer.
