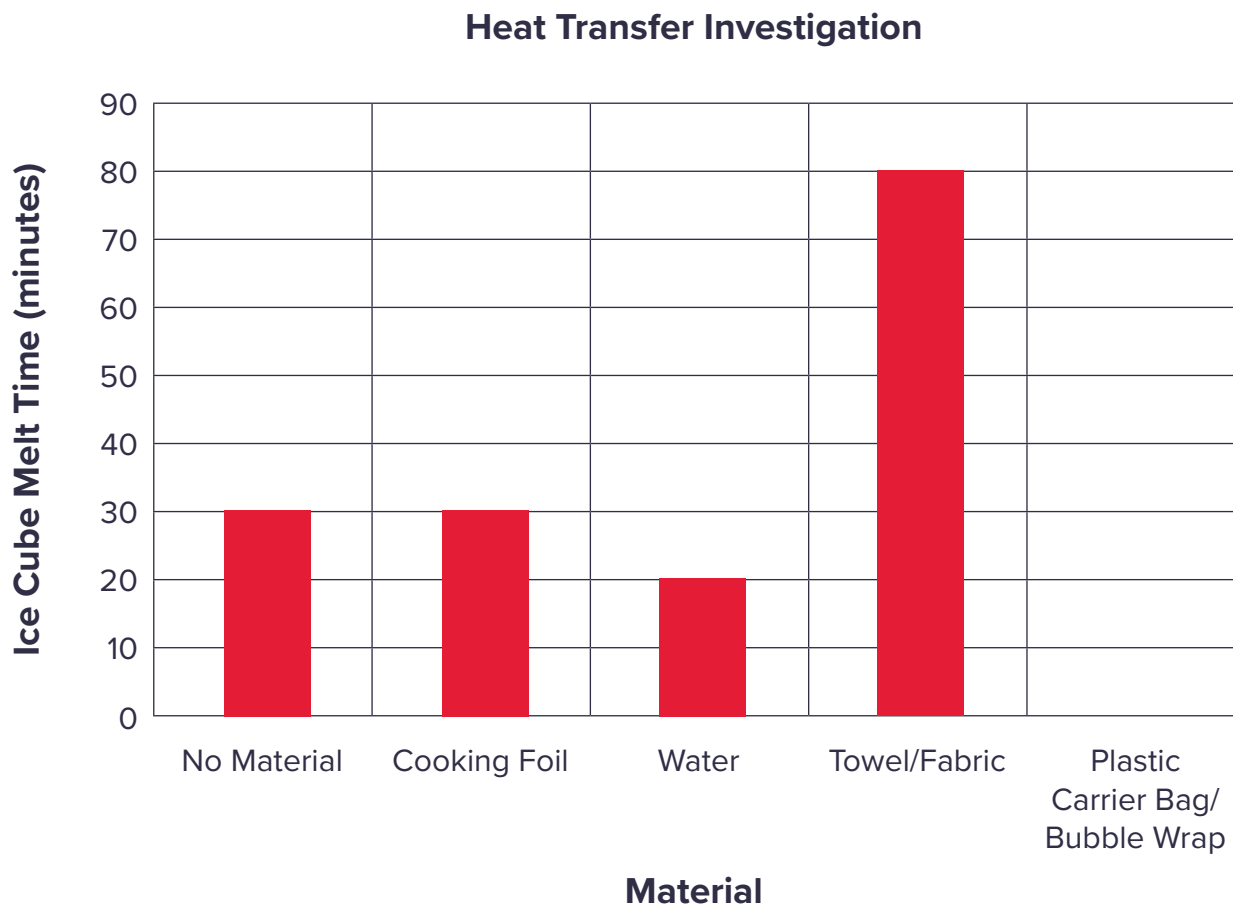




Heat Transfer Investigation

3. Example graph



5. Pipes transport heated water. If they are made of insulators, the heat from the water can travel to where it's needed, instead of heating the pipe.
6. The refrigerant is a conductor because it's able to take heat from one location and move it to another.
7. In a heating system it's important that heat gets to where it's needed and isn't lost along the way. There is also a risk that someone could be burnt by touching the heating system if it becomes very hot.