

The City School

PAF Chapter, Junior Section



Blog Worksheet

Year: **4s**
Subject: **Science**
Topic: **Freezing, Melting and Separating Solids**

Name: _____
Date: _____

Q1. Look at the table of melting points of common materials.

Using the information, try to answer the questions below.

1) Which material has the highest melting point?

Ans. _____

2) Which material has the lowest melting point?

Ans. _____

3) Room temperature is around 22°C. Name three materials that are solids at room temperature.

Ans. _____

4) Which materials are liquids at room temperature?

Ans. _____

5) The average winter temperature in the Arctic is about -30°C. Which material would still be a liquid in an Arctic winter?

Ans. _____

6) Which materials have a lower melting point than ice?

Ans. _____

7) Which material requires the most heat to melt?

Ans. _____

Material	Melting point (°C)
Gold	1064
Silver	962
Iron	1525
Aluminium	660
Mercury	-39
Tin	232
Salt	800
Sugar	185
Chocolate	35
Olive oil	-20
Candle wax	60
Ice	0
Glass	1400

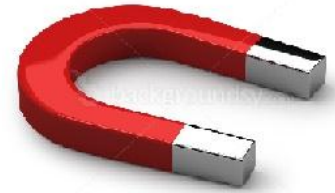
Q2. Look at the following objects.



tongs



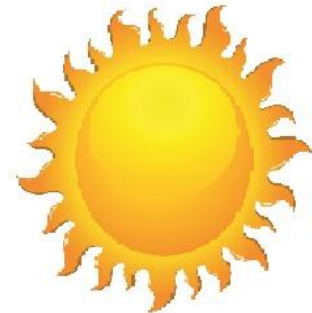
filter paper



magnet



sieve



sun

Which of the above objects would you use to separate the following?

- a) Sand and gravel _____
- b) Peas and water _____
- c) Salt and water _____
- d) Iron filling and sugar _____
- e) Fruit salad and cherries _____
- f) Mud and water _____