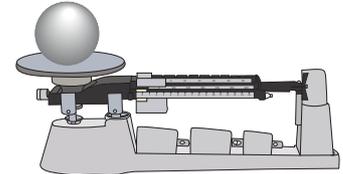


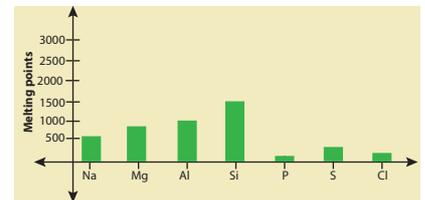
Decimals

Sub: S3

- 1) As part of a science experiment, George had to find the individual weights of two alloy steel balls of different sizes. Both steel balls together weighed 2.45 pounds on the scale. If one of the steel ball was found to weigh 1.29 pounds, what was the weight of the other steel ball?



- 2) The melting points of Phosphorous and Sulfur are 111.47°F and 239.38°F respectively. How much higher is the melting point of Sulfur than Phosphorous?



- 3) Bob Beamon leaped 8.9 m and set a world record in the long jump event at the 1968 Olympics. The 23 year old world record was broken by Mike Powell in 1991, when he jumped 8.95 m. By how many meters did Mike Powell eclipse the record set by Bob Beamon?



- 4) Jack, a farmer picked 32.65 pounds of raspberries. His wife kept aside 11.82 pounds of raspberries to make some jam. The remaining berries were sent to the farmer's market. How many pounds did they weigh?



- 5) Ashley purchased two bottles of peanut butter worth \$11.67 at a supermarket. She used a coupon for \$3.5 at the billing counter. How much did Ashley have to pay for her purchase?

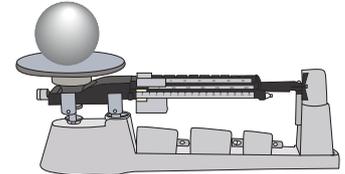


Answer key**Decimals**

Sub: S3

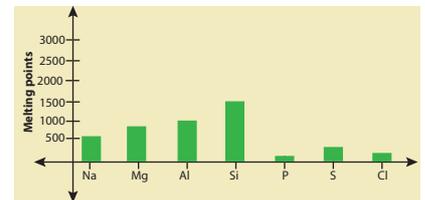
- 1) As part of a science experiment, George had to find the individual weights of two alloy steel balls of different sizes. Both steel balls together weighed 2.45 pounds on the scale. If one of the steel ball was found to weigh 1.29 pounds, what was the weight of the other steel ball?

1.16 pounds



- 2) The melting points of Phosphorous and Sulfur are 111.47°F and 239.38°F respectively. How much higher is the melting point of Sulfur than Phosphorous?

127.91°F



- 3) Bob Beamon leaped 8.9 m and set a world record in the long jump event at the 1968 Olympics. The 23 year old world record was broken by Mike Powell in 1991, when he jumped 8.95 m. By how many meters did Mike Powell eclipse the record set by Bob Beamon?

0.05 meters



- 4) Jack, a farmer picked 32.65 pounds of raspberries. His wife kept aside 11.82 pounds of raspberries to make some jam. The remaining berries were sent to the farmer's market. How many pounds did they weigh?

20.83 pounds



- 5) Ashley purchased two bottles of peanut butter worth \$11.67 at a supermarket. She used a coupon for \$3.5 at the billing counter. How much did Ashley have to pay for her purchase?

\$8.17

