

Moles and Mass Worksheet

Answer the following questions.

1. How many moles are present in 15 grams of Li?
2. How many grams are present in 2.4 moles of S?
3. How many moles are present in 22 grams of Ar?
4. How many grams are present in 88.1 moles of Mg?
5. How many moles are present in 2.3 grams of P?
6. How many grams are present in 11.9 moles of Cr?
7. How many moles are present in 9.8 grams of Ca?
8. How many grams are present in 238 moles of As?
9. How many grams are present in 0.02 moles of BeI_2 ?
10. How many grams are present in 3.3 moles of K_2S ?

Moles and Mass Worksheet

Answers

1. How many moles are present in 15 grams of Li?

2.2 moles

2. How many grams are present in 2.4 moles of S?

77 grams

3. How many moles are present in 22 grams of Ar?

0.55 moles

4. How many grams are present in 88.1 moles of Mg?

2141.711 grams

5. How many moles are present in 2.3 grams of P?

0.074 moles

6. How many grams are present in 11.9 moles of Cr?

618.8 grams

7. How many moles are present in 9.8 grams of Ca?

0.24 moles

8. How many grams are present in 238 moles of As?

17830 grams

9. How many grams are present in 0.02 moles of Be_2 ?

5.25 grams

10. How many grams are present in 3.3 moles of K_2S ?

363.891 grams