

Name:

Exit Card

Conversions and Counting Significant Figures

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1. Which Kelvin temperature is equal to 200.°C?

- A) -73 K                      B) 73 K  
C) 200. K                      D) 473 K

2. Which mass measurement contains four significant figures?

- A) 0.086 g                      B) 0.431 g  
C) 1003 g                      D) 3870 g

3. Which measurement contains a total of three significant figures?

- A) 0.12    B) 012    C) 120    D) 120.

4. Which mass measurement contains a total of three significant figures?

- A) 22.0 g                      B) 22.00 g  
C) 220 g                      D) 2200 g

5. Which measurement contains three significant figures?

- A) 0.08 cm                      B) 0.080 cm  
C) 800 cm                      D) 8.08 cm

6. Which quantity of mass is equal to 50 mg?

- A) 5.0 g                      B) 0.50 g  
C) 0.05 g                      D) 0.005 g

7. How many kilojoules are equivalent to 10 Joules?

- A) 0.001 kJ                      B) 0.01 kJ  
C) 1000 kJ                      D) 10,000 kJ
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