Name		

	e following is an inter	nsive property?			1)
A) amount					
B) temperatur	:e				
C) volume					
D) mass					
E) heat conter	ıt				
2) Which one of the	e following is the higl	hest temperature?			2)
A) 302 K		_			
B) 96 °F					
C) 38 °C					
D) none of the					
E) the freezing	g point of water				
	y of 7.9 g/cm <sup>3</sup> . What	is the mass of a cube	of iron with the lengt	h of one side equal	3)
to 55.0 mm?					
A) $2.1 \times 10^4$ g					
B) $4.3 \times 10^2$ g					
C) $2.3 \times 10^{-2}$ §	g				
D) $1.3 \times 10^3$ g					
E) 1.4 g					
4) The number with	n the most significant	t zeros is			4)
A) 0.02500001	C				ĺ
B) 2.5100000					
C) 0.00002510					
	7				
D) 2.501 × 10 <sup>-</sup>	,				
	,				
D) 2.501 × 10 <sup>-</sup> E) 250000001	per 3456.5 to two sign				5)
D) 2.501 × 10 <sup>-</sup> E) 250000001		nificant figures. C) 3500	D) 3400.0	E) 3000.0	5)
D) 2.501 × 10 <sup>-</sup> E) 250000001 S) Round the numb A) 3400	per 3456.5 to two sign B) 3000	C) 3500	D) 3400.0 Sult of the following c	,	5)
D) 2.501 × 10- E) 250000001 5) Round the numb A) 3400 6) How many signi	per 3456.5 to two sign B) 3000	C) 3500 be retained in the res	,	,	•

B) how close a measured number is to infinity

A) how close a measured number is to zero

- C) how close a measured number is to other measured numbers
- D) how close a measured number is to the true value
- E) how close a measured number is to the calculated value

8) Which of the following has the same number of significant figures as the number 1.00310?								
A) 199.791	B) $1 \times 10^{6}$	C) 8.66	D) 100	E) 5.119				
9) Precision refers to A) how close a	 measured number is	to the calculated va	alue		9)			
B) how close a measured number is to other measured numbers								
C) how close a measured number is to the true value								
D) how close a measured number is to infinity								
E) how close a	measured number is	to zero						
10) Which calculation clearly shows a conversion between temperatures in degrees Celsius, °C, and								
temperature in Ke								
A) $K = [^{\circ}C - 32]$	] / 1.8							
B) K = °C								
C) $K = {}^{\circ}C + 273$								
D) $K = [^{\circ}C + 32]$								
E) $K = 273.15 -$	°C							