 1. Which is a derived unit?					
A) meter	B) second	C) kilogram	D) Newton		
2. The fundamental unit of mass in the mks system is the					
A) milligram	B) gram	C) kilogram	D) decigram		
 3. A unit of mass is	the				
A) joule	B) kilogram	C) Newton	D) watt		
 4. A round dinner plate has a diameter closest to					
A) $2 \times 10^{-2}$ m	B) $2 \times 10^{-1}$ m	C) $2 \times 10^{0}$ m	D) $2 \times 10^1 \text{ m}$		
 5. The height of an i	ndividual step on a	staircase is closest	to		
A) $2.0 \times 10^{-2} \text{ m}$	<b>B)</b> $2.0 \times 10^{-1} \text{ m}$	<b>C)</b> $2.0 \times 10^{0}$ m	<b>D)</b> $2.0 \times 10^1 \text{ m}$		
 6. The height of a typical kitchen table is approximately					
A) 10 <sup>-2</sup> m	B) 10 <sup>0</sup> m	C) 10 <sup>1</sup> m	D) 10 <sup>2</sup> m		
 7. Which measurement is closest to $1 \ge 10^{-2}$ meter?					
<ul><li>A) diameter of an</li><li>C) length of a for</li></ul>			a student's finger a schoolteacher		
 8. The height of a 30-story building is approximately					
<b>A)</b> 10 <sup>0</sup> m	<b>B</b> ) 10 <sup>1</sup> m	<b>C)</b> 10 <sup>2</sup> m	<b>D)</b> 10 <sup>3</sup> m		
 9. The approximate length of an unsharpened No. 2 pencil is					
A) $2.0 \times 10^{-2} \text{ m}$	B) $2.0 \times 10^{-1} \text{ m}$	C) $2.0 \times 10^{0}$ m	D) $2.0 \times 10^{1} \text{ m}$		
 10. The length of a football field is closest to					
A) 1000 cm	B) 1000 dm	C) 1000 km	D) 1000 mm		
 11. What is the approximate diameter of an inflated basketball?					
A) 2 x 10 <sup>-2</sup> m	B) 2 x 10 <sup>-1</sup> m	C) 2 x 10 <sup>0</sup> m	D) 2 x 10 <sup>1</sup> m		
 12. The mass of a paper clip is approximately					
A) $1 \times 10^{6} \text{ kg}$	B) $1 \times 10^3$ kg	C) $1 \times 10^{-3}$ kg	D) 1 ×10 <sup>-6</sup> kg		
 13. The weight of a	chicken egg is mos	t nearly equal to			
A) 10 <sup>-3</sup> N	B) 10 <sup>-2</sup> N	C) 10 <sup>0</sup> N	D) 10 <sup>2</sup> N		
 14. What is the appr	oximate length of a	baseball bat?			
A) 10 <sup>-1</sup> m	B) 10 <sup>0</sup> m	C) 10 <sup>1</sup> m	D) 10 <sup>2</sup> m		
 15. The length of a c		-			
		C) $1.5 \times 10^{1}$ m	D) $1.5 \times 10^2$ m		
 16. What is the appr					
A) 10 <sup>1</sup> kg	B) $10^2 \text{ kg}$	C) 10 <sup>3</sup> kg	D) 10 <sup>6</sup> kg		

17. The approximate	7. The approximate height of a 12-ounce can of root beer is				
A) $1.3 \times 10^{-3} \mathrm{m}$	B) $1.3 \times 10^{-1}  \text{m}$	C) $1.3 \times 10^{0}  \text{m}$	D) $1.3 \times 10^{1} \text{ m}$		
 18. An egg is dropped from a third-story window. The distance the egg falls from the window to the ground is closest to					
A) 10 <sup>0</sup> m	B) 10 <sup>1</sup> m	C) 10 <sup>2</sup> m	D) 10 <sup>3</sup> m		
19. The diameter of a	9. The diameter of a United States penny is closest to				
A) 10 <sup>0</sup> m	B) 10 <sup>-1</sup> m	C) 10 <sup>-2</sup> m	D) 10 <sup>-3</sup> m		
 20. What is the approx	What is the approximate width of a person's little finger?				
A) 1 m	B) 0.1 m	C) 0.01 m	D) 0.001 m		
 A) 1 m	B) 0.1 m	C) 0.01 m	D) 0.001 m		