Measurement hat is the approximate width of a person's little finger? 10. The mass of a physics textbook is closest to ika (3) 10° kg (1)  $10^3 \text{ kg}$ 1000Ka (3) 0.01 m lem (1) 1 m 10<sup>-2</sup> kg (2) 10<sup>1</sup> kg (4) 0.001 m / mm (2) 0.1 m 10 2m 11. The height of a doorknob above the floor is closest to 2 The mass of a high school football player is approximately (3) 10° kg inde 100 Kg (1) 1 centimeter (3) 1 millimeter 00K (1) 10° kg 1 Ka 1000F, 100010 ((2)) 1 meter (4) 1 kilometer (4) 10<sup>3</sup> kg 2 Kg (2) 101 kg 12. The area of this page of the test booklet is closest to . What is the approximate mass of a pencil?  $(3) 60 \text{ cm}^2$ (D) 5.0 × 10 3 kg .005 Kg (3)  $5.0 \times 10^{\circ}$  kg (1) 0.6 cm<sup>2</sup> 50 600 cm<sup>2</sup> (2) 5.0 × 10-1 kg 5Ka (4)  $5.0 \times 10^1$  kg (2) 6 cm<sup>2</sup> A reasonable height for a chalk tray above the floor is closest 4. Which measurement of an average classroom door is closest to 13 1 meter? (3) 100 cm. /m (4) 1,000 cm (1) 1 cm (3) height (1) thickness (2) 10 cm (2) width (4) surface area 5 . The thickness of one page of this test booklet is closest to . The height of an average adult is approximately 1.75 (1) 10-4 m . 00.01 m (lnm) (3) 10° m Im (1) cm (3) mm CAL (2) m  $(4) 10^2 m$ (4) km (2) 10<sup>-2</sup> m (10) (10) 10 GAM 15. The thickness of a pencil is closest to 6 '. A mass of one kilogram of nickels has a monetary value in United States dollars of approximately (1) 1 mm (3) 1 m (3) \$10.00 200 (1) \$1.00 20 ((2)) 1 cm (4) 1 km ~55 (4) \$1000.00 20000 (2) \$0.10 1 16. What is the approximate diameter of a dinner plate? What is the displacement of the mass hanger(H) shown in the (1) 0.0025 m (3) 0.25 m diagram after a 0.20-kilogram mass is loaded on it? [Assume (4) 2.5 m (2) 0.025 m the hanger is at rest in both positions.] 17. The weight of an apple is closest to (3) 10<sup>2</sup> N 100 N (1) 10<sup>-2</sup> N (4) 104 N 10000N (2) 10°N IN 18 The length of a high school physics classroom is probably closest to (1) 10<sup>-2</sup> m / CM (3) 101 m 10 meters 12cm Ocm-0.20 kg ·H (4) 10<sup>4</sup> m 1000m (2) 10<sup>-1</sup> m 10 CM Meter 19 The thickness of a dollar bill is closest to Stick (3) 10<sup>-1</sup> m (1) 10<sup>-4</sup> m 13cm 1cm (2)  $10^{-2}$  m  $(4) 10^{1} m$ 1Kg=10000 Loaded 20. The approximate mass of a nickel is Unloaded (3) 0.5 kg 5009 . 59 (1) 0.0005 kg (3)) 12,70 cm (1) 12.30 cm ((2)) 0.005 kg (4) 5 kg 5000 g 6 bigg 59 (4) 13.30 cm (2) 12.50 cm 21. To the nearest order of magnitude, how many times greater textbol . The maximum time allowed for the completion of this than the speed of sound is the speed of light? examination is approximately (3hr)  $(3) 10^{10}$ (1) 104 (1)  $10^2 s$ ((3) 10<sup>4</sup>s 108 - 106 (4) 10<sup>12</sup> (2) 106  $(4) 10^5 s$ -(2) 10<sup>3</sup>s Which is the most likely mass of a high school student? 9. Which object weighs approximately 1 newton? (3) 60 kg (1) 1 kg textbool (3) physics student (1) dime (2) 5 kg (4) 250 kg golf ball (2) paper clip