

Full Name:

February 20,
2023

0.1 Indicate if the following statements represent measured or exact numbers: (a) The number of students in a classroom (b) The height of a student

0.2 Indicate if the following statements represent measured or exact numbers: (a) The number of apples in a bag (b) The weight of an apple (c) The number of cm in an inch

0.3 Identify the following numbers as measured or exact: (a) The length of an object is 4 cm (b) A chair has four legs (c) The density of a solution is 0.6 g/mL (d) One meter equals 100 cm

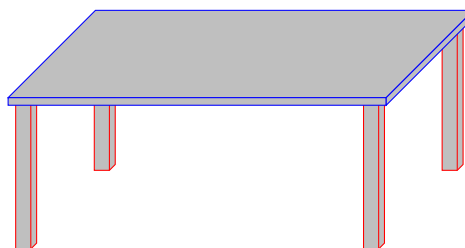
0.4 Identify the following numbers as measured or exact: (a) The number of students enrolled in a class is 25 (b) The temperature of a sample is 25°C (c) The mass of an object is 10 Kg (d) 1000grams is 1Kg

0.5 Identify the following numbers as measured or exact given the image below:



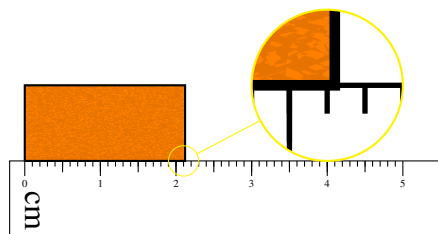
(a) The weight of the tiger (b) The number of ears of the tiger
(c) The height of the tiger (d) The number of whiskers

0.6 Identify the following numbers as measured or exact given the image below:

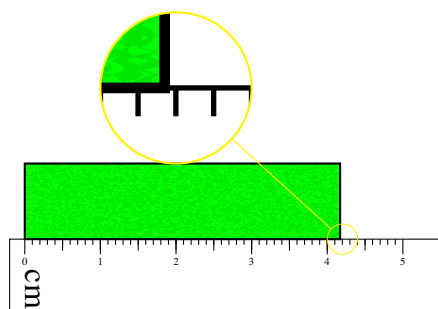


(a) The height of the table (b) The number of table legs (c) The width of the table (d) The number of tables in the image

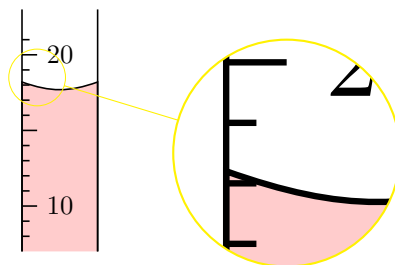
0.7 Give the following measurement with the correct number of digits, while indicating the number of significant figures of the measurement and the estimated digit.



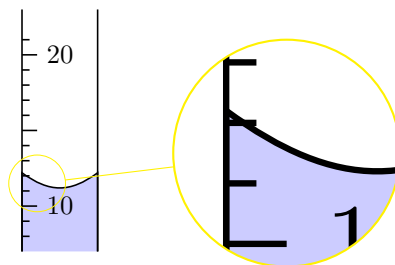
0.8 Give the following measurement with the correct number of digits, while indicating the number of significant figures of the measurement and the estimated digit.



0.9 Give the following measurement in mL with the correct number of digits, while indicating the number of significant figures of the measurement and the estimated digit.



0.10 Give the following measurement in mL with the correct number of digits, while indicating the number of significant figures of the measurement and the estimated digit.



Answers v. 96 **0.1** (a) The number of students in a classroom (exact) (b) The height of a student (measured)
0.2 (a) The number of apples in a bag (exact) (b) The weight of an apple (measured) (c) The number of cm in an inch (exact)
0.3 (a) measured (b) exact (c) measured (d) exact **0.4** (a) exact (b) measured (c) measured (d) exact **0.5** (a) measured
(b) exact (c) measured (d) exact **0.6** (a) measured (b) exact (c) measured (d) exact **0.7** 2.10cm, 3SF **0.8** 4.25cm, 3SF
0.9 10.75cm, 4SF **0.10** 10.10cm, 4SF