YOUR CHALLENGE:

You are the lab research assistant to an amazing scientist, Dr. Zingozango. What's not so amazing is how forgetful he is! Your top secret laboratory is underground. The doors will lock in one hour and stay locked all weekend. However, Dr. Zingozango can't remember the secret codes to unlock those doors. Good thing he's hidden cryptic messages around the room to assist you. A series of puzzles stands in the way between you and the outside world. Demonstrate your knowledge of measurement so you can escape in time!

Open the Google Form

https://forms.gle/EeGtAstkRkG4uNBV9

Keep the google form opened then continue to the next slide

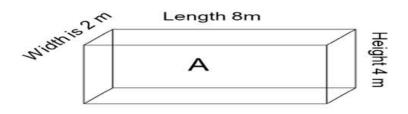


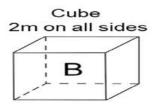
Dr. Zingozango,

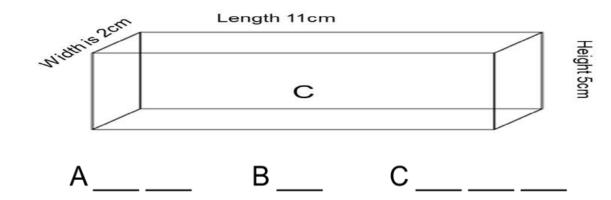
Congratulations on getting a new lab research workspace! Please calculate the <u>sum</u> of the volumes and let me know which one will fit into your laboratory workspace the best. I need to place the order soon because you have top secret data that we need to keep confidential.

Sincerely,

Dr. Gregory Saling







Return to the Google Form and complete the first question

Jigsaw Puzzle

Complete the puzzle on the site:

https://www.jigsawplanet.com/?rc=play&

pid=2a46bbea1ee6

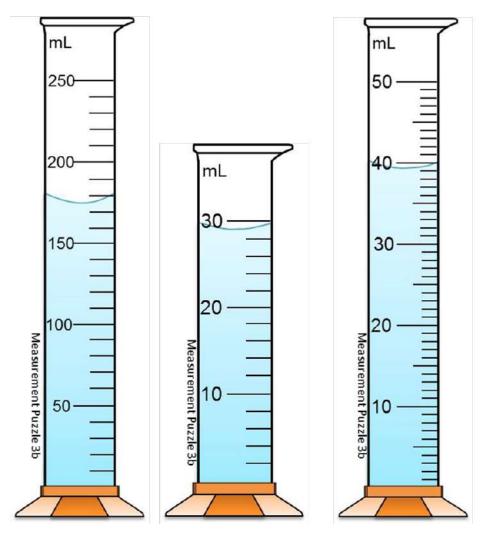
Return to the Google Form and complete the 2nd question

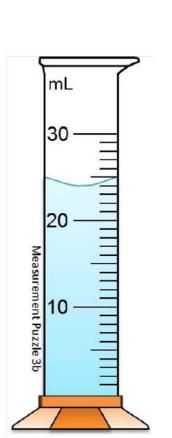
How to open the
safe:
Read the four liquid
volumes of the

graduated cylinders.

three-digit code.

Then, total up the measurements. The sum of the readings is



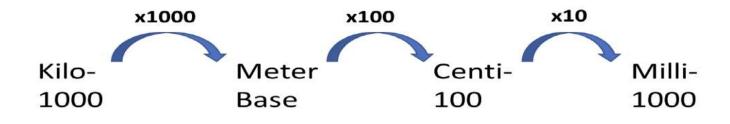


Return to the Google Form and complete the 3rd question

Measurement Puzzle 4a

Metric Conversions A. 3.4 meters = mm B. 336 cm = C. 745 mm = D. 6540 m = km Measurement Puzzle 4

Return to the Google Form and complete the 4th question



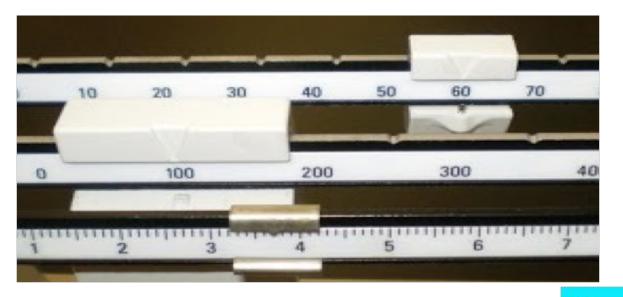
Important Notice

Determine the masses.

Then, calculate the range and round to the nearest whole number. This will open one set of doors.

Measurement Puzzle 5a

To find the range, subtract the smallest number from the greatest number



Slide 1 of 3

Question A What is the mass?

- 1) 164g
- 2) 163.7g
- 3) 103.7g
- 4) 63.7g

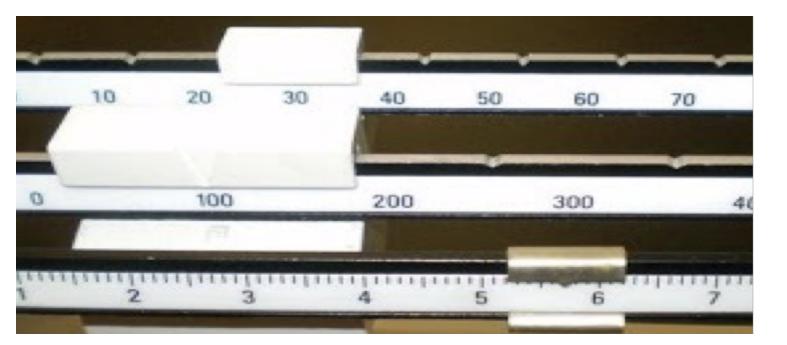


Question B

What is the mass?

- 1) 272.1g
- 2) 272g
- 3) 270.2g
- 4) 202.1g

Slide 2 of 3



Question C What is the mass?

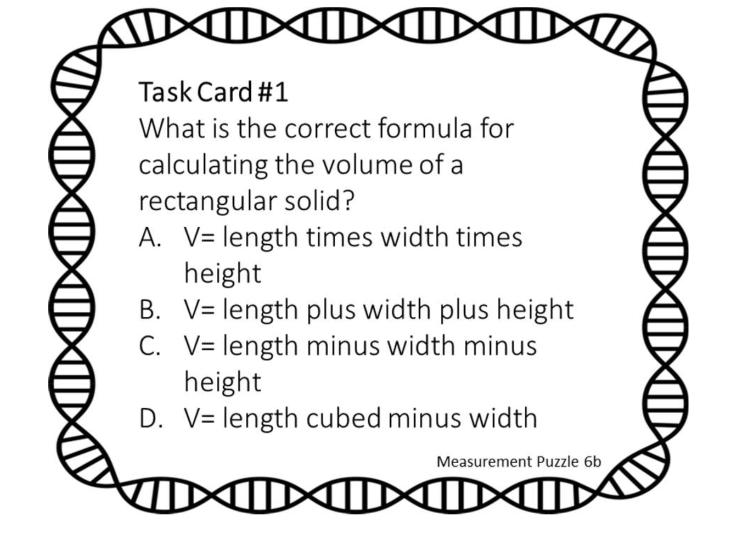
- 1) 136.7g
- 2) 135.7g
- 3) 130.5g
- 4) 105.7g

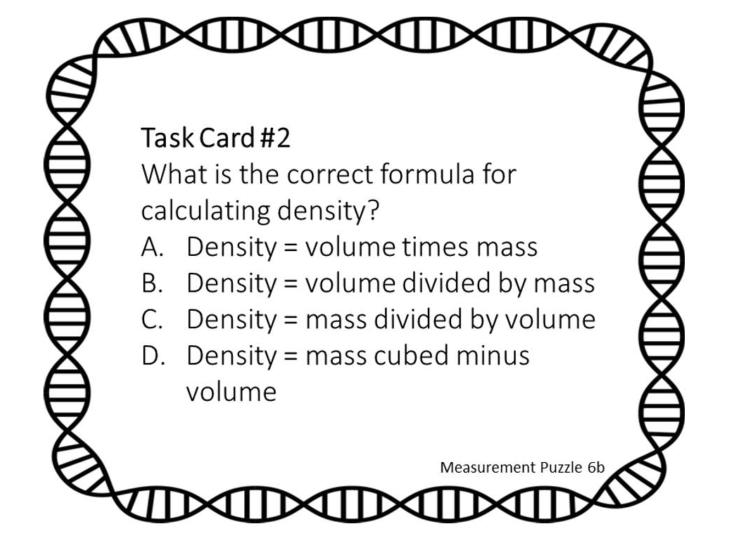
Slide 3 of 3

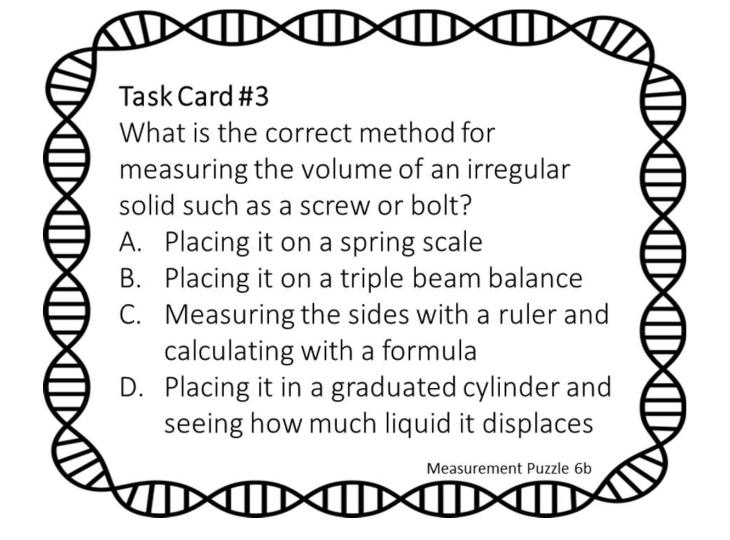
Return to the Google Form and complete the 5th question

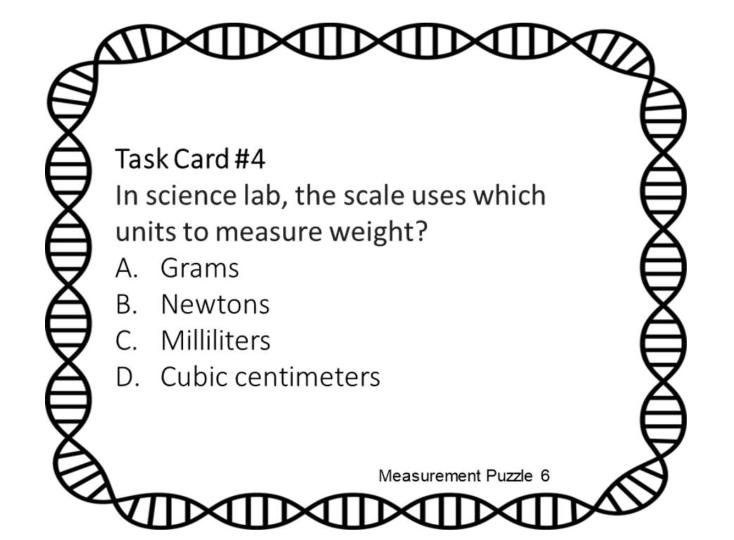
W R S d D e e d r e O e O S n O 0 n K R u n 0 d p E S A p S r e t e u p u p e r r R u n t u r T t H n n u n e R 0 u u \mathbf{n} T S A H r n A D R u h 0 n a R S B E C D u e e S E C F e B p Г D E C 0 e O R D S u f O M E S r 0 0 p S e p O M O O n p S C O S e M O O N EC O u 0 n S \mathbf{n} S A N S S \mathbf{n} u n u S e \mathbf{n} \mathbf{n} e F S e n n e I u p D O W S S e E G R G I T U 0 T S A E G G R D D

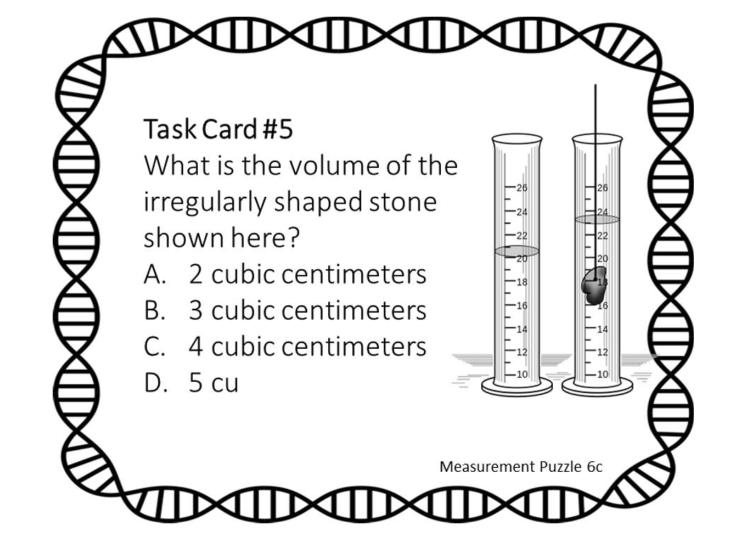
Answer the questions and keep track of the answers. How many:

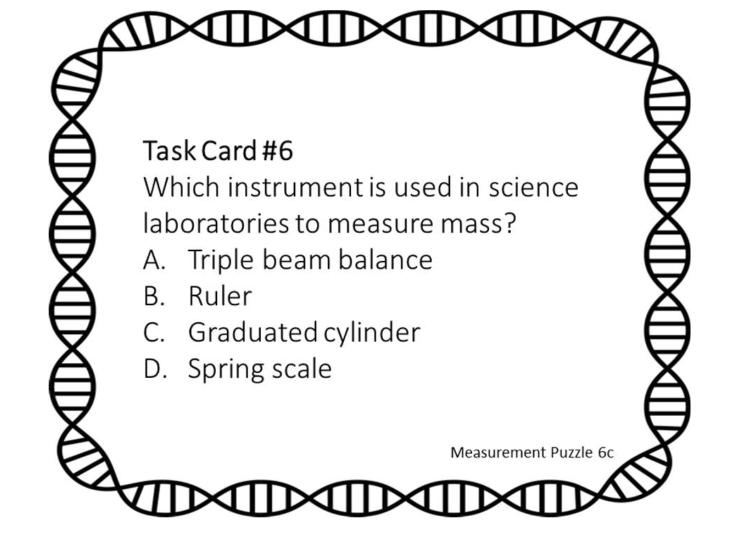


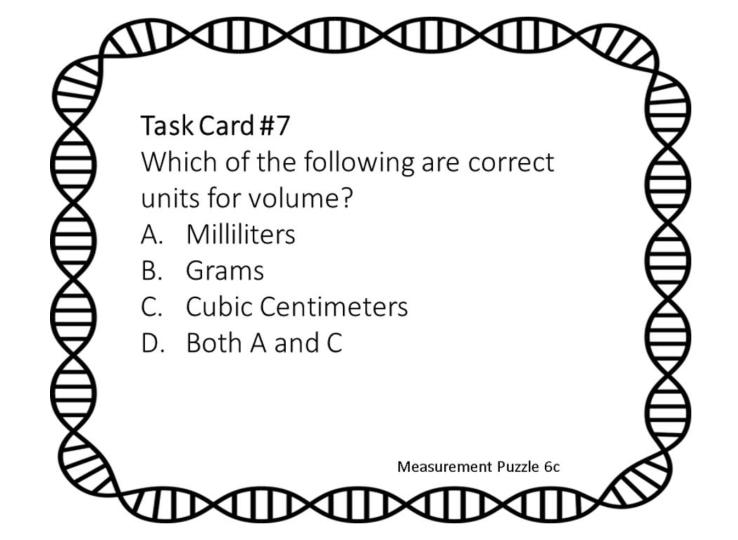


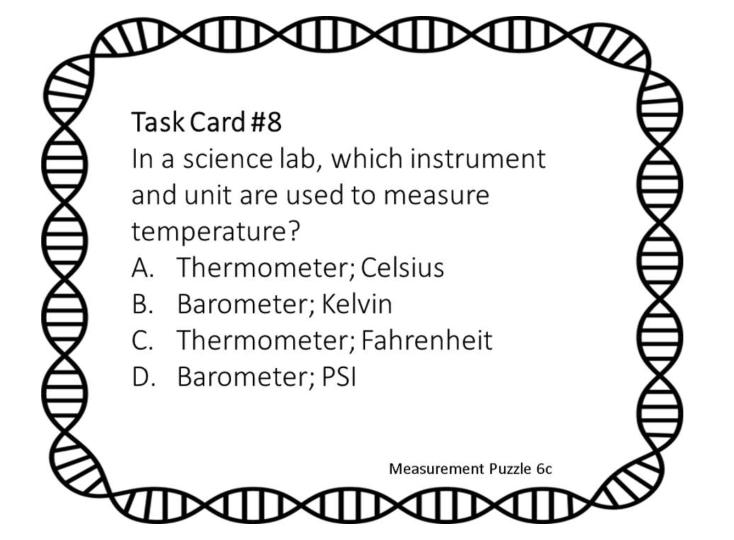












How Many of each:

B's = _____

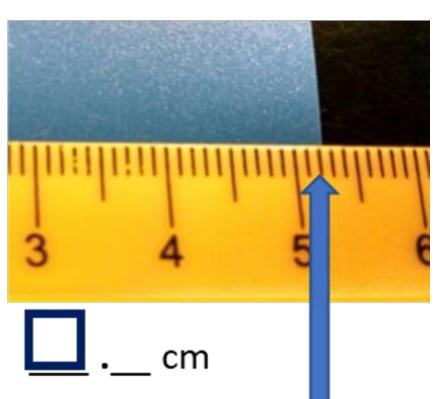
C's =

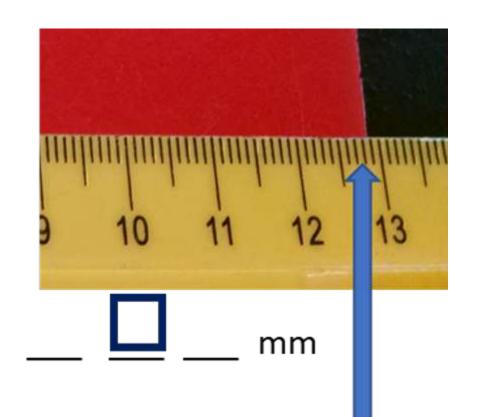
D's =

Return to the Google Form and complete the 6th question

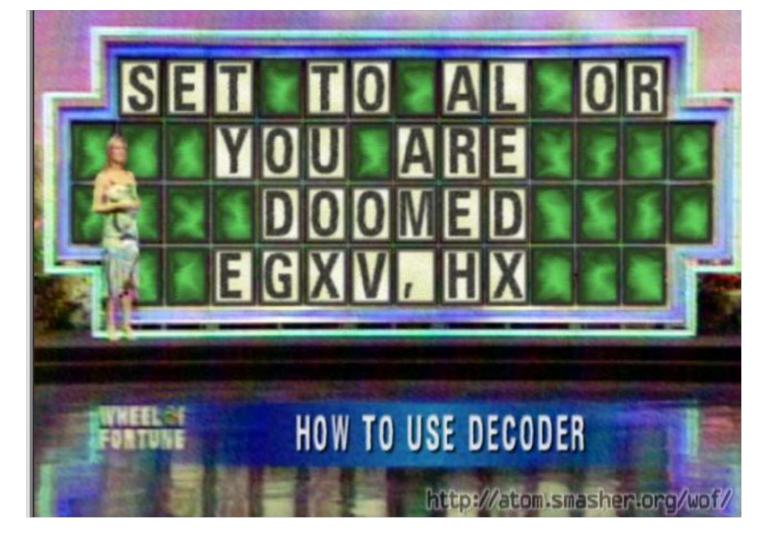


. ____ cm





Return to the Google Form and complete the 7th question





Decode the last line on the wheel of fortune slide

Return to the Google Form and complete the 8th question