

Avengers: Infinity War



**Collect All Six
Infinity Stones**

Complete this challenge to earn The Space Stone!

Thor's hammer is stuck in the container and it is too heavy to lift. You have to be of royal blood to use the hammer and remove it. It will take something very powerful to move the hammer from its current position. The only thing that will move space and lift the hammer to the top of the container is liquid vibranium. If you pour liquid vibranium into the container, the hammer will raise to the top to make the hammer more accessible. Determine the volume of how much liquid vibranium we need to pour into the container to raise Thor's hammer to the top level.

The correct amount will release the stone.



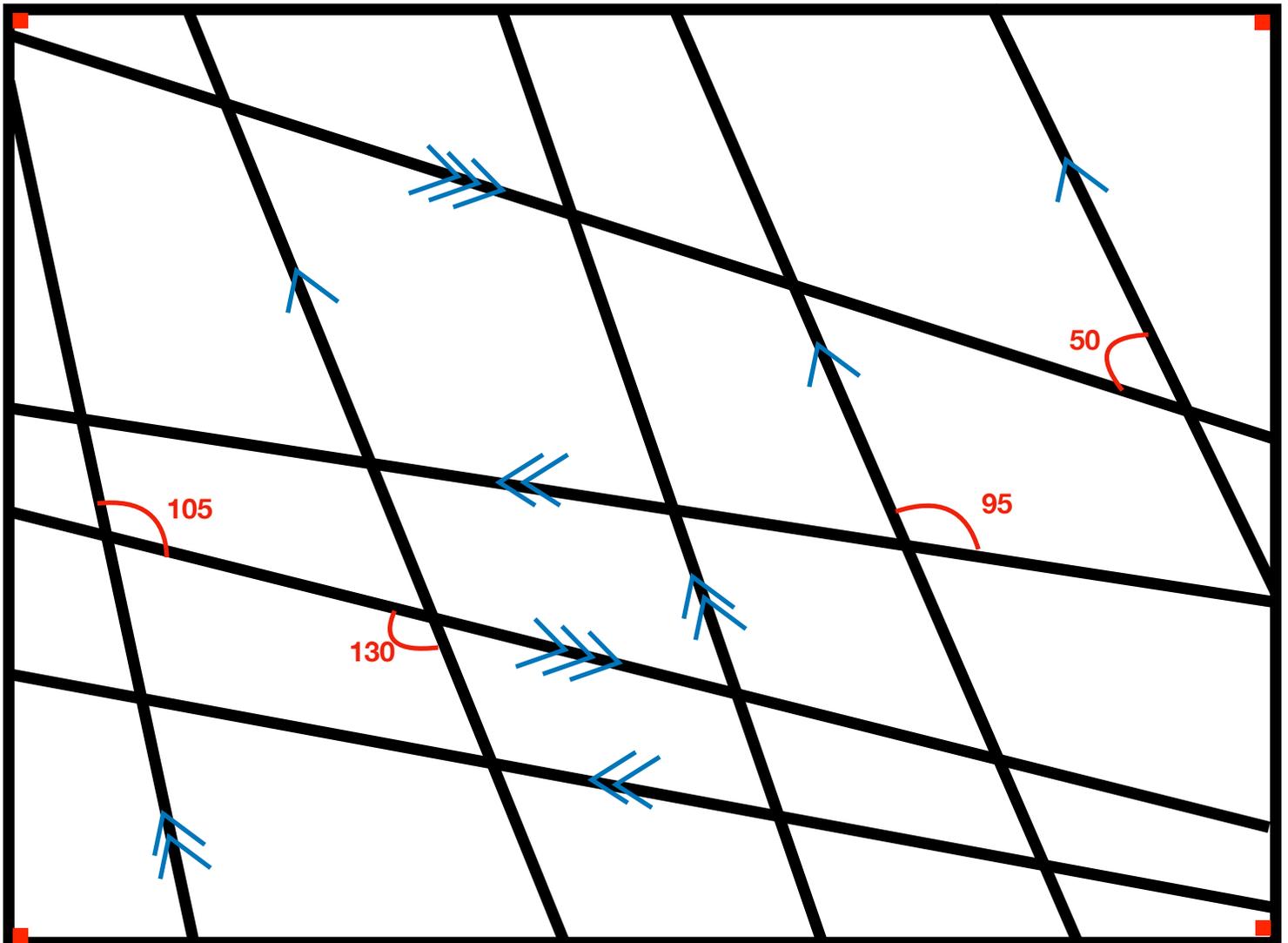
Complete this challenge to earn

The Mind Stone!

Spiderman has learned how to create the perfect web to trap and electrocute Thanos. He has the proper web material but has only determined four of the angle measurements needed for his creation. There are so many more missing angles in the web. Spiderman needs help to find as many angle measurements as possible.



Find as many angles as possible to release the stone.



Complete this challenge to earn The Power Stone!



T'Challa has decided to remodel his castle in Wakanda. He feels as though there may be an epic battle on his land in the near future. T'Challa has decided to prepare for anything that may come. He wants to build a new castle with a great defense system to protect the vibranium and technology within his walls. To assist, Shuri has calculated the best total volume of the new castle based on the land available. She determined that the castle has to have a total volume of 350 cubic cm. To earn the power stone, you need to use the merge cube to create a hologram model of this castle. **The correct calculation will release the stone.**



Complete this challenge to earn The Reality Stone!

Baby Groot wants a new outfit made out of geometric solids. The material has to be made from dark matter so it can stretch and move as his body extends. There are five shapes that make up the structure of his outfit. Determine the exact amount of fabric in square centimeters that it would take to create clothes for Baby Groot if the fabric was made completely from the combination of these five solid shapes. **The correct amount will release the stone.**

**Complete this challenge to earn
The Soul Stone!**

Iron Man needs to train for his battle against Thanos. He has constructed new gloves for his suit that use laser technology to destroy his enemy. Currently, the gloves are just prototypes and only work correctly in a specific circular region. Before he attempts to test the gloves, he must draw the outside boundary of the region on the ground so he knows the exact spot to shoot from. The area of the circular region is 113.04 . **Creating the exact circular outside boundary and completing the challenge will release the stone.**





**Complete this
challenge to earn
The Time Stone!**

Ant Man loves his two story house. He has a lab on the first floor that he uses to practice and train for each battle. He would like to create a scale model of the house to use when he is a third of his regular size. This way he can train, sleep, and eat in his home no matter what size he is and no matter the time of the day, week, or year. Using the legos provided, design his two story house. Then using the dimensions, create the proportional scale model of the house you created.

The correct construction will release the stone.