

FIRST NAME, STATE: Evangeline

TN

THE SCIENCE BEHIND THE SCENE

Movies are fun to watch and you can also learn a lot from them! Pick one scene from a movie or show and explain why it is fact or why it is not.

1. Use the box below to draw out the scene.



2. Explain what is happening in the scene you drew.

MARY POPPINS (MP) IS GETTING SETTLED TO BE THE NANNY OF JANE AND MICHAEL. SHE IS REARRANGING HER ROOM AND UNPACKING HER BAG WHICH IS THE SIZE OF MY UKULELE CASE. SHE PULLS AND PULLS AND PULLS THINGS OUT OF HER SMALL BAG. I CAN SEE THAT THOSE THINGS COULD NEVER, EVEN FIT IN THAT BAG! A TALL FLOOR LAMP WITH A WICKER, FANCY SHADE, A LARGE MIRROR, A PLANT, AND A TALL HATSTAND. WHILE MP WAS HANGING THE MIRROR, THE CHILDREN, PICKED UP THE BAG AND TOOK A LOOK INSIDE. IT WAS EMPTY.

3. Is this fact or fiction? Explain your answer.

MATTER in the SOLID STATE HAS A CERTAIN MASS AND SHAPE THAT IT KEEPS AND A CERTAIN AMOUNT OF SPACE THAT IT CANNOT SHARE. MY EXPERIENCE TRYING TO PUT MY SLEEPING BAG IN MY BACKPACK TAUGHT ME THAT SOLIDS CANNOT BE SQUISHED INTO AN ALMOST FULL CONTAINER. THE LAMP, MIRROR, AND HATSTAND IN MARY POPPINS ARE SOLID AND LONG-MUCH LONGER THAN HER BAG.

THE SCENE OF MARY POPPINS AND HER MAGIC BAG IS NO DOUBT — — — FICTIOn!