

How Big and How Far is the Moon?

In this activity, children will determine the size and distance of the Moon.

What You Need:

- 2 poster boards
- Masking tape
- Different types of balls including a basketball and tennis ball. Others can include a marble, softball, beach ball, etc.

What to Do:

- Adhere text to poster boards covering the answer with a piece of cardstock that has printed on it, "Answer."
- Place different balls with the "How Big is the Moon?" poster.
- Place masking tape at 4 different distances from the "How Far is the Moon?" poster and mark them A – D. The correct distance is 23.5 feet away from the poster.

Poster 1:

How Big Is the Moon?

If the Earth were the size of a basketball, which ball would be the size of the Moon?

Pick your choice!

Answer: A tennis ball

Poster 2:

How Far Is the Moon?

If the Earth were the basketball, where would the Moon be?

There are marks on the floor: A, B, C, or D?

Answer

The one that is 23.5 feet away