

An extra challenge for parents and caregivers

Elephant: Pebble Move

Guide: ages 6-7

The goal: predict, explain, and prove why an empty rope loop means **zero**.

Reasoning matters more than speed.

5 ways to stretch the thinking

1. **Predict the moves.**
   Ask how many moves it will take before the sand is empty.
2. **Compare the containers.**
   Talk about the rope and the basket as two groups.
3. **Undo one move.**
   Send a basket stone back and ask what changed.
4. **Prove zero.**
   Ask your child to show, not only say, that nothing is left.
5. **Invent a challenge.**
   Let your child choose the starting number and solve it.

Your challenge plan

10

minutes

is plenty



- **No timer**
- **Explain why**
- **Make one up**

Ask for the reason, not only the answer.

5 signs deeper reasoning is growing

1. **Predicts before acting**
   They say how many moves before they start.
2. **Explains why it is zero**
   They connect an empty loop with the name zero.
3. **Tracks both places**
   They follow the rope and the basket together.
4. **Checks and corrects**
   They spot a leftover stone and fix it.
5. **Makes a new challenge**
   They invent a starting number and prove it.

Try it away from the screen today

Set out five.
Put five big blocks inside a rope loop.

Predict and move.
Guess how many moves will empty the loop. Try it.

Put one back.
Return one block. Check the loop and basket.

✓ No app	✓ No ads, ever	✓ Nothing collected from your child

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