

Name _____

Matter Conservation: Melting, Freezing, And Boiling

Open-Ended Response Answer Key

1. Sample: I would weigh an ice cube before it melts. Then I'd let it melt and weigh the water. The mass would be the same.
2. Sample: They don't see the steam, so they think it's gone. I'd explain that it's still in the air as gas.
3. Sample: I saw ice melt on a hot sidewalk. It turned into water and ran off—but it didn't disappear.
4. Sample: It helps us know that things don't just vanish—we should track where they go, like with pollution or recycling.

