

Name _____

Domino Effect

Overview: When it comes to black holes, **every event leads to another**, like a chain of falling dominoes in space. Below are a series of boxes that show **causes and effects**, but some parts are **missing**.

Your job is to:

1. **Match the correct cause to each effect.**
2. **Fill in any missing effect** where a domino has been knocked over.
3. **Complete the full chain**, showing what leads to a black hole—and what happens next.



Instructions: Fill in the missing boxes and complete the cause-and-effect chart. Some dominoes are pre-filled for you. Use logic and black hole science to fill the blanks.

Domino Chain Chart

Domino	Cause	Effect
1	A massive star runs out of nuclear fuel	
2		The star's core collapses inward
3	Core collapse	
4	Supernova explosion	A black hole is formed from the remaining dense core
5	Gravity pulls surrounding gas and dust toward the black hole	
6		Space-time is warped, and time slows near the black hole
7	The black hole distorts light from stars behind it	