Article-Based Observation on Gravitational Waves

Directions: Read the article "<u>Gravitational waves offer new view of dynamic cosmos</u>," as well as the earlier article "<u>Physicists detect gravitational waves</u>," which gives important background information. Then answer these questions:

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1.	What is the main topic of the articles?
2.	What is spacetime?
3.	What are gravitational waves?
4.	How were gravitational waves detected?

5.	How were the detected gravitational waves created?
6.	Why is the first direct detection of gravitational waves so significant?
7.	What can scientists find out from studying gravitational waves?
8.	How do scientists plan to tell which direction gravitational waves are coming from?