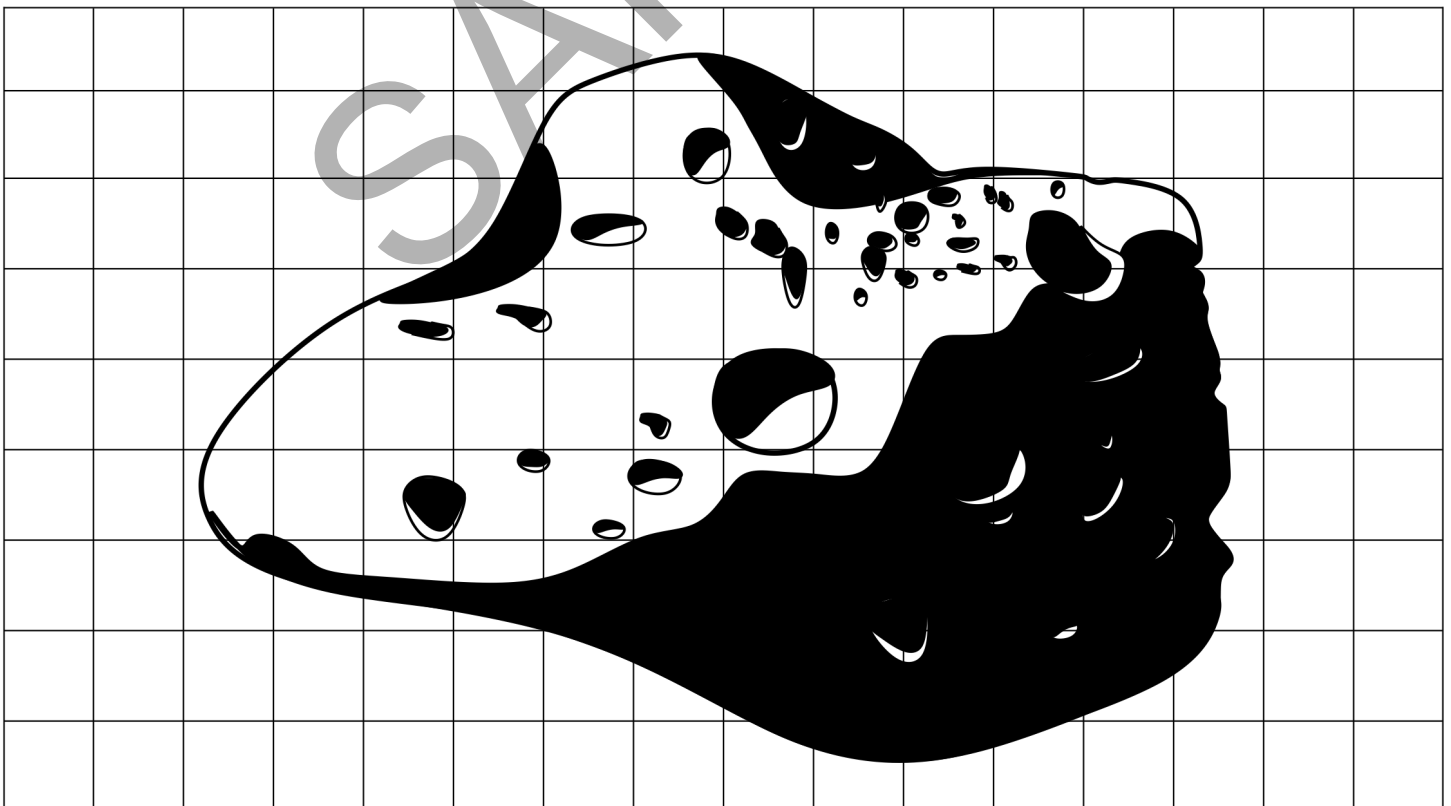


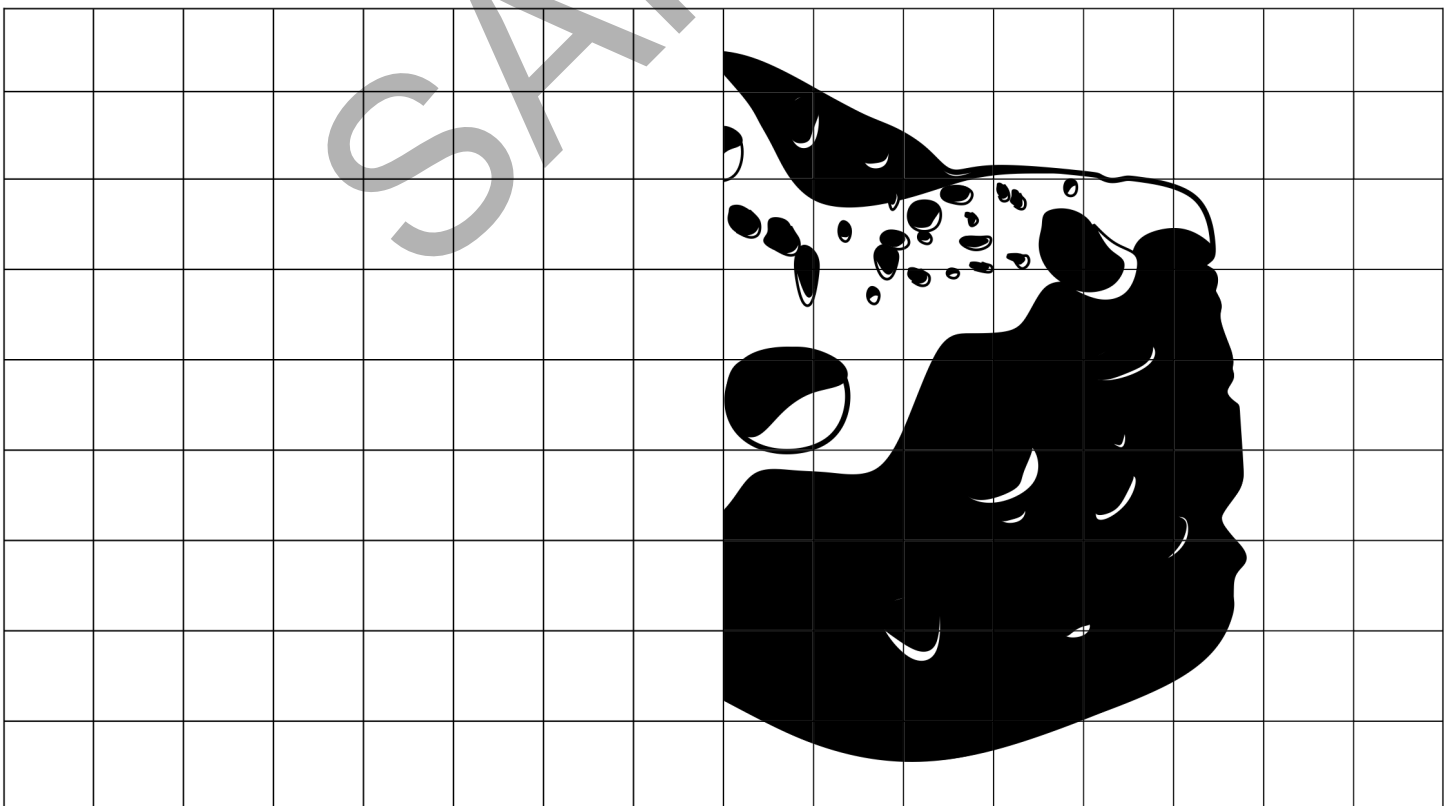
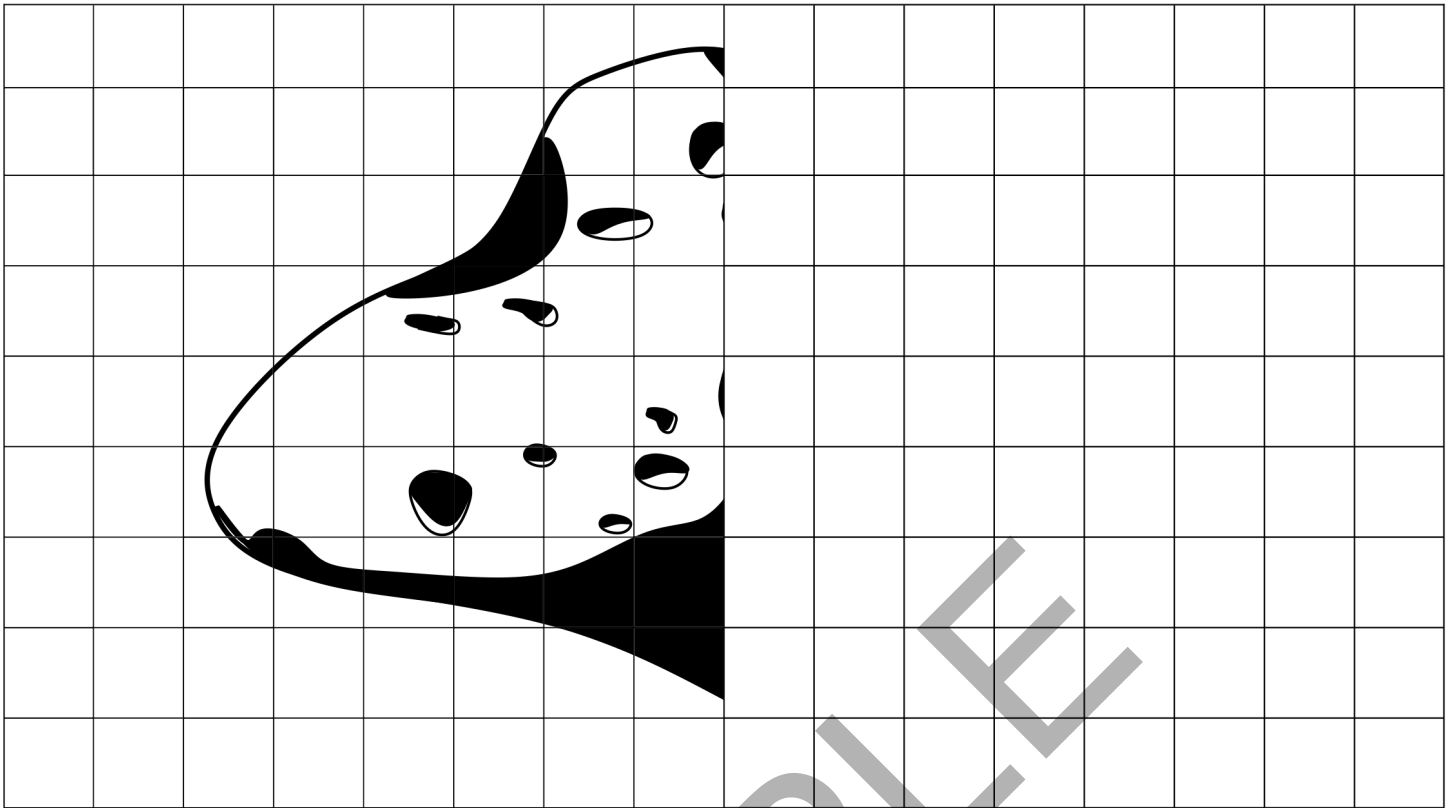
Asteroid

Asteroids are chunks of rock or metals that orbit stars. They are smaller than planets and are sometimes called dwarf planets. The first asteroid discovered was named Ceres. It is about 583 miles (938 kilometers) across, and it can hold Alaska, California, and Texas combined on its surface. It's the largest of all the asteroids found in what is called the main asteroid belt. This is a huge belt of hundreds of thousands of asteroids that travel in an orbit around the sun between Mars and Jupiter.

Follow these instructions to draw an example of an asteroid on the next page like the one shown below:

- Decide if you want to draw the right half of the picture or the left half of the picture and draw it in one of the first two grids. You can draw both if you'd like.
- Now, using a blank grid from the back of the book, try drawing the whole picture.



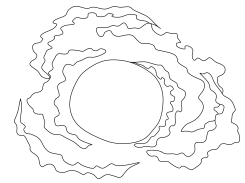
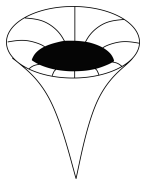


Questions

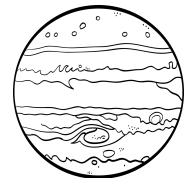
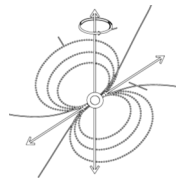
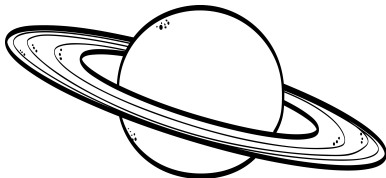
Match the word to the closest definition.

- | | |
|----------------------------------|--|
| ___1. Comet | a. cloud around partially destroyed star |
| ___2. Meteoroid | b. made of moons and chunks of ice |
| ___3. Pulsar | c. pieces of stone or metal orbiting the sun |
| ___4. Nebula | d. reddish oval first seen in 1664 |
| ___5. Asteroid | e. star collapsed to a singularity |
| ___6. Rings of Saturn | f. meteoroid entering Earth's atmosphere |
| ___7. Planetary Nebula | g. packed ice and dust orbiting the sun |
| ___8. Black hole | h. first discovered was named Ceres |
| ___9. Meteor | i. collection of dust and gasses in space |
| ___10. Great Red Spot of Jupiter | j. sends out electromagnetic energy |

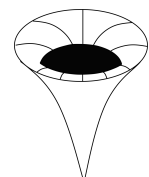
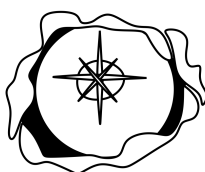
11. Which picture is an example of an asteroid? Circle it.

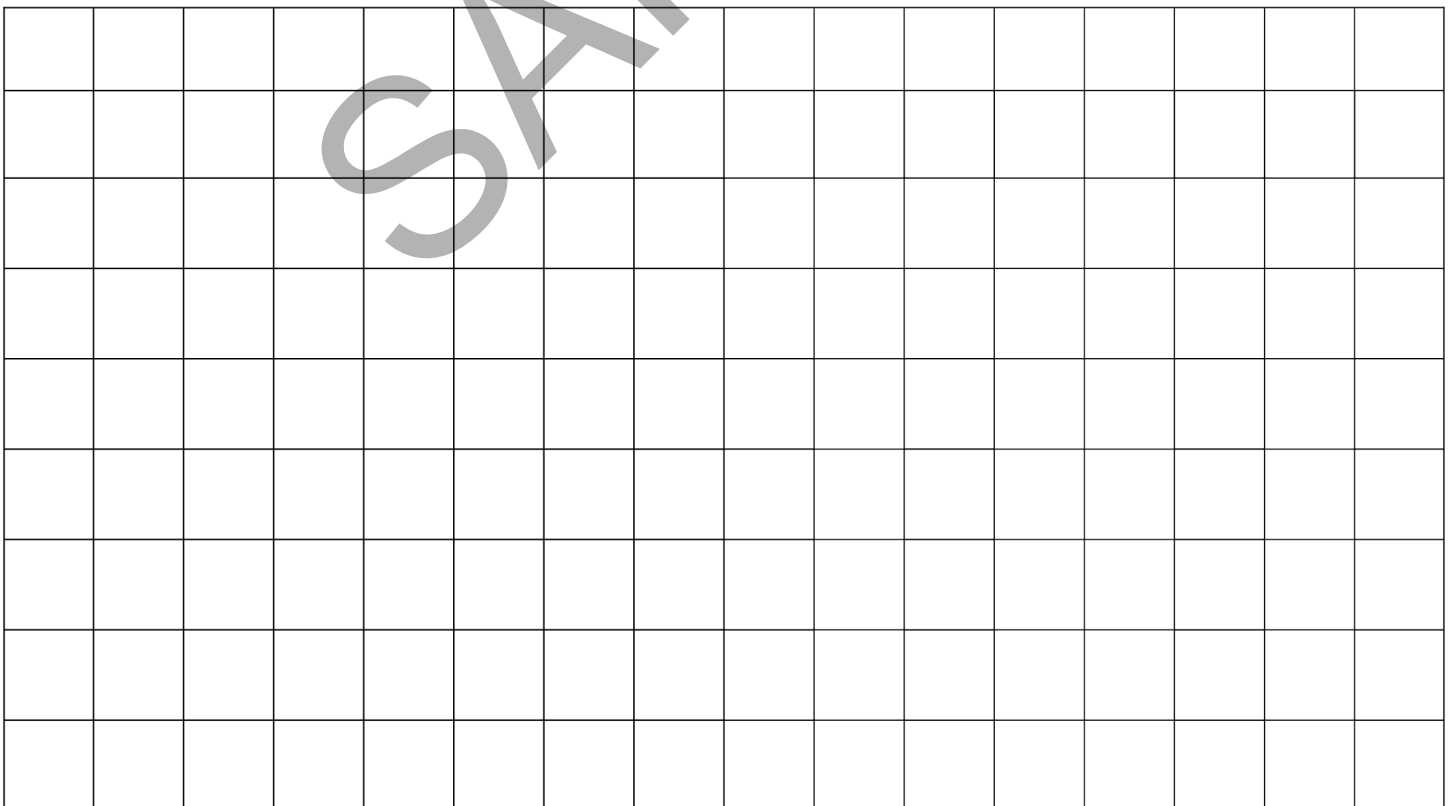
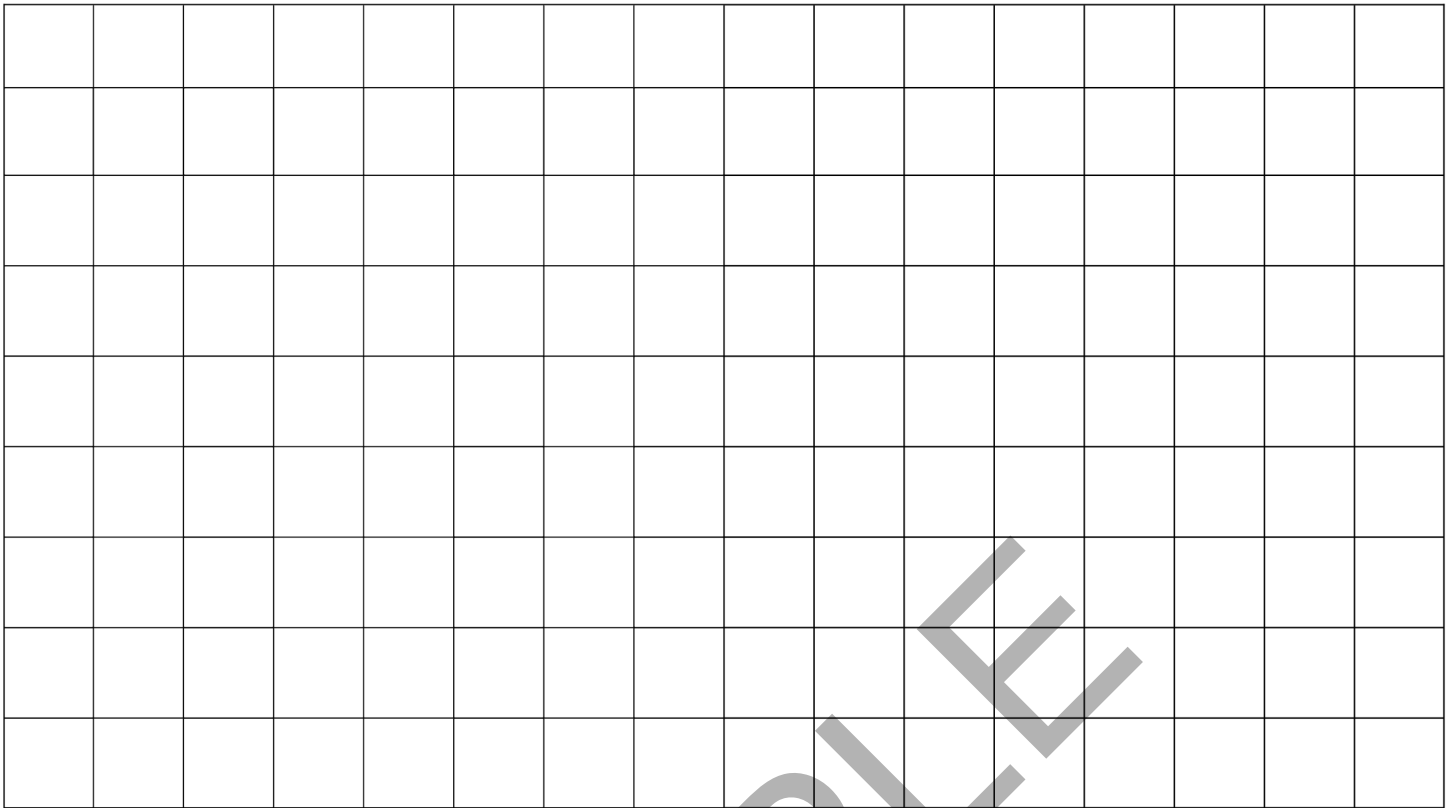


12. Which picture shows the rings of Saturn? Circle it.



13. Which picture is an example of a meteoroid? Circle it.



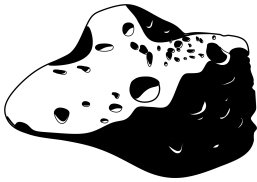


Answer Key

- 1. g
- 2. c
- 3. j
- 4. i
- 5. h

- 6. b
- 7. a
- 8. e
- 9. f
- 10. d

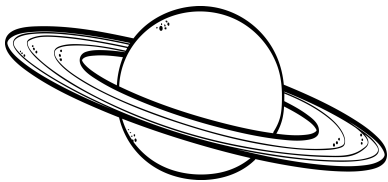
11.



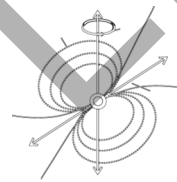
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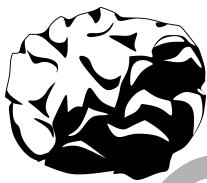
12.



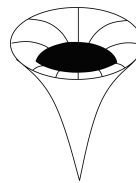
17.



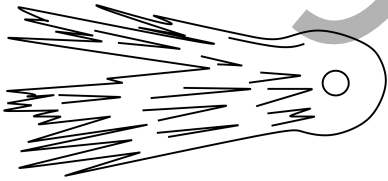
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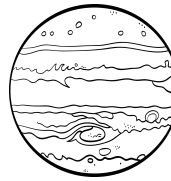
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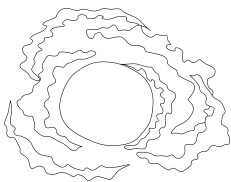
14.



19.



15.



20.

