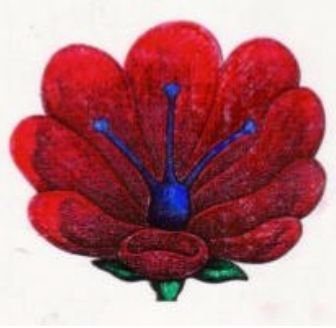


Homework:

You are a world-famous scientist who has just discovered the flower shown in the illustration. The flower appears to be undamaged and in excellent condition. On the next slide you will find questions to answer about this flower.



Questions:

- Is this plant a gymnosperm or an angiosperm? How do you know?
- Is the flower male or female or both? How do you know?
- A friend of yours tells you that this species is probably pollinated by insects rather than by wind. Is this a logical conclusion? Explain.
- Would you classify this plant as a monocot or dicot? Give reasons for your answer.
- What if instead of a whole, undamaged plant, you found only part of it? How would this affect your ability to classify the plant. Explain.