



# Constellation Lab

Name \_\_\_\_\_ Block \_\_\_\_\_

Plot the following constellations by connecting the dots and labeling them in **ALL CAPS**. Also label the given stars as follows: Betelgeuse.

## CONSTELLATIONS

## Stars

## Star Colors

1. ORION	Betelgeuse & Rigel	red & blue
2. CANIS MAJOR	Sirius	white
3. LYRA	Vega	white
4. CYGNUS	Deneb	white
5. GEMINI	Pollux	orange
6. LEO MAJOR	Regulus	blue
7. TAURUS	Aldebaron	orange
8. CANIS MINOR	Procyon	yellow
9. AQUILA	Altair	white
10. AURIGA	Capella	yellow
11. BOOTES	Arcturus	orange
12. VIRGO	Spica	blue
13. SCORPIUS	Antares	red

## QUESTIONS:

1. What do the different-sized stars on the lab sheet mean?
2. Why is Sirius so easy to find in the night sky?
3. List two reasons why some stars appear to be brighter than others:
  - a)
  - b)
4. Each magnitude of star differs from the next by what factor? (pg. 380)
5. How many times brighter is a first-magnitude star than a third-magnitude star?

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# Answers:

