



ANSWER KEY: OBS

Directions

Answer these questions based on today's reading and discussion.

1. What is the average body temperature in Celsius of a healthy person?
36 to 37 degrees
2. The number of times that we inhale, or breathe in, during a given time is our **respiratory rate**.
3. Just as during Shuttle launch, during the KLASS launch you will be monitoring the vital signs of **2** astronauts.
4. **Blood Pressure** is the measurement of the force blood puts on the walls of our arteries.
5. An Indicator is something that shows or points to a **specific result**.
6. The unit of measurement for blood pressure is mmHg, or **millimeters of mercury**.
7. If your body temperature goes too low, you have **hypothermia**. If your temperature goes too high, you are said to have **hyperthermia**.
8. List the 4 main vital signs that are monitored on the astronauts during the launch and landing of the Shuttle. (Hint: Look at KLASS console or screenshot for normal ranges)
 1. **body temperature 36.0-38.0 F**
 2. **heart rate or pulse 40-170**
 3. **respiratory rate 04-40**
 4. **blood pressure 120/80 is normal (KLASS console does not say what is out of range)**
9. For the KLASS launch countdown activity, those who monitor the OBS screen will find one other value on the screen. This value is the **blood oxygen level**. This level should be between **90 to 100** percent.
10. List 5 types of individuals who support OBS on launch day.
technicians, biometric engineers, physicians, emergency medical responders, military physicians, medi-vac helicopter teams, ER doctors, and paramedics