**Stair Worksheet and Notes Page**

**Standard**: ACCT-ADD-4 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**AD37-02**

**Define the following terms:**

* **Run:**
* **Rise:**
* **Tread:**
* **Riser:**
* **Stringer:**
* **Kick Block:**
* **Headroom:**
* **Handrail:**
* **Guardrail:**

**How do you determine rise and run?**

1. Determine total rise in inches: **8’-0” - \_\_\_\_\_\_”**
2. Find number of risers (divide total rise by 7”): **\_\_\_\_\_\_\_\_ (total rise in inches) ÷ 7” = \_\_\_\_\_\_\_**
3. Take the answer from step two and round to the nearest whole number: **\_\_\_\_\_**
4. Divide the total rise in inches by the number of risers to determine the total rise of each stair: **\_\_\_\_\_\_\_\_ (total rise in inches) ÷ \_\_\_\_\_ (number of risers) = \_\_\_\_\_\_\_ (round to nearest whole number)**
5. Find the number of treads (one less tread than total number of risers): **\_\_\_\_ (number of risers)–1 = \_\_\_\_**
6. Determine total run by multiplying ideal tread width x number of treads: **10” (ideal tread width) x \_\_\_\_\_ (number of treads) = \_\_\_\_\_**

**Rise and Run Math – Use this area for calculations**

**Give a characteristic or feature of each type of stair listed below:**

* **Straight:**
* **Open:**
* **L-Shaped:**
* **U-Shaped:**
* **Curved:**
* **Exterior:**

**Quiz:**