

CONVERSIONS.

CONVERT $\frac{\text{km}}{\text{hr}}$ INTO $\frac{\text{m}}{\text{s}}$.

$$\left(50 \frac{\text{km}}{\text{hr}}\right) \left(\frac{1000 \text{ m}}{1 \text{ km}}\right) \left(\frac{1 \text{ hr}}{3600 \text{ s}}\right) =$$

$$= \boxed{13.9 \frac{\text{m}}{\text{s}}}$$

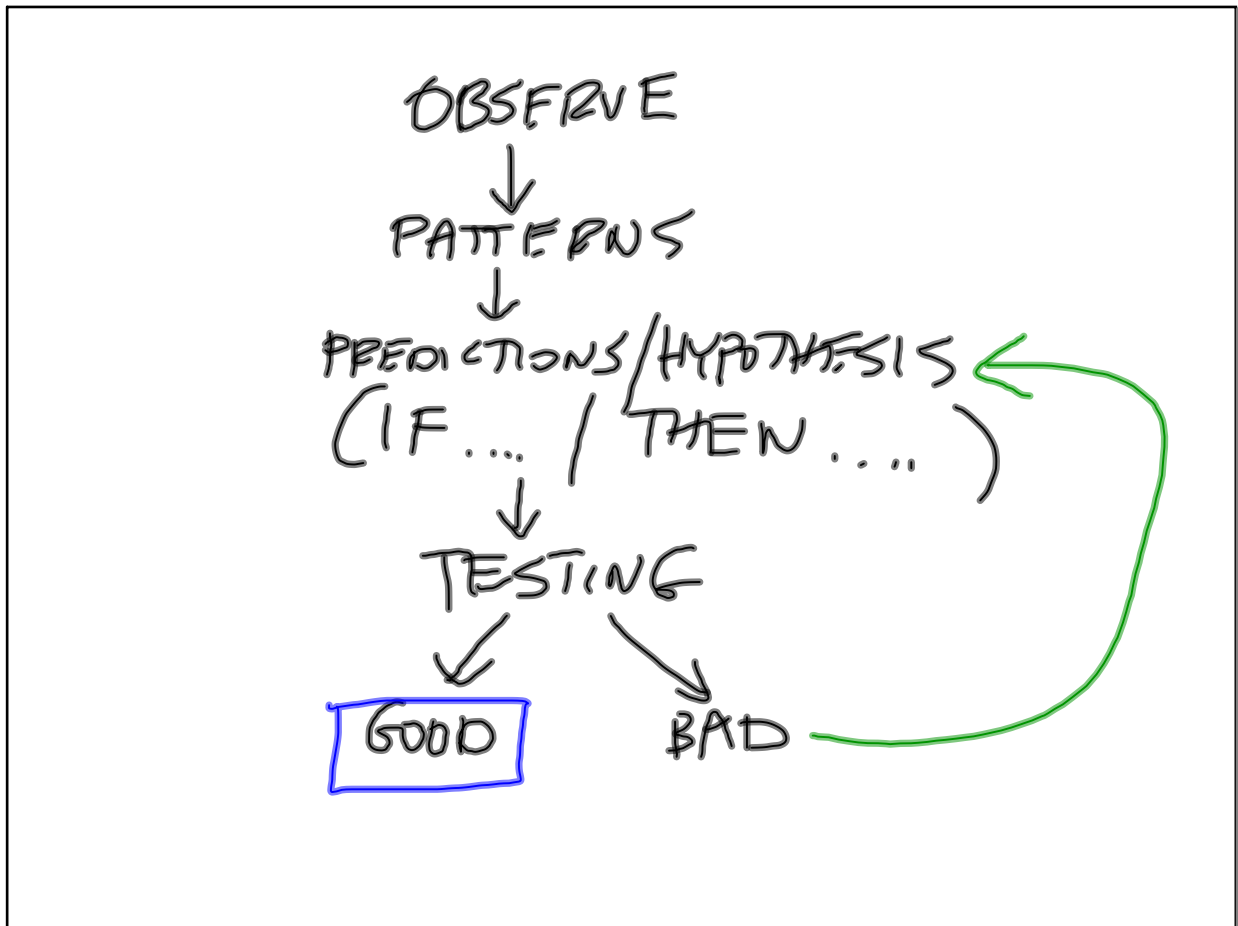
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CONVERT INTO $\frac{\text{kg}}{\text{m}^2}$:

$$\left(12 \frac{\text{kg}}{\text{cm}^2}\right) \left(\frac{(100)^2 \text{ cm}^2}{(1)^2 \text{ m}^2}\right) =$$

$$= \boxed{120,000 \frac{\text{kg}}{\text{m}^2} = 1.20 \times 10^5 \frac{\text{kg}}{\text{m}^2}}$$

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(HW) CONVERT INTO BASIC SI UNITS.

① $19 \frac{g}{cm^3}$

② $25 \frac{mm}{hr}$

③ $6l \text{ } cm^3$

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