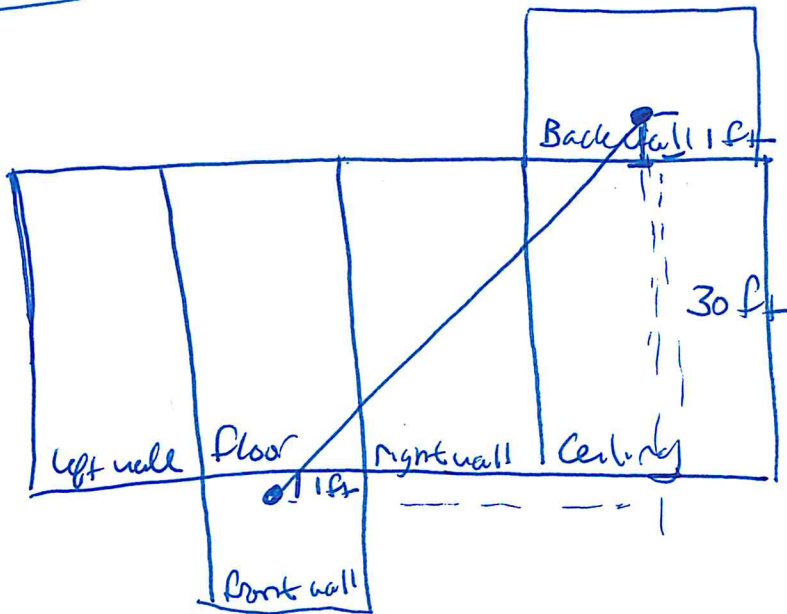


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$$\text{distance "down"} = 1 + 30 + 1 = 32$$

$$\text{distance "over"} = 6 + 12 + 6 = 24$$

$$d = \sqrt{32^2 + 24^2} = \boxed{40 \text{ ft}}$$