## DIY MIRROR

You are starting up your own DIY TikTok account and are on a tight budget. You want to show the world how to make their own mirror to liven up their living space. You found a regular octagonal mirror at a flea market, but the frame is broken. You have measured 11 inches as the side length, and the apothem is 26.5 inches. You need to order trim to build a frame and paint to make it pop. Your budget does not give any wiggle room for wasted materials. The trim you found is 3 inches wide, and you want the side lengths of the frame to each be 24.5 inches. How much trim do you need to order? How much paint will you need?

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