Question:

Jo has been making face masks. She can make 4 small masks with 2 yards of material and 3 large masks with 2.25 yards of material. How much material would she need to make 20 small and 8 large masks for her class?

Reasoning + Answer:

<think>First find the total yards needed for the small masks: 20 small masks * 2 yards/mask = 40 yards. Then find the total yards needed for the large masks: 8 large masks * 2.25 yards/mask = 18 yards. Then add the yards needed for each type of mask to find the total yards needed: 40 yards + 18 yards = 58 yards.</think>