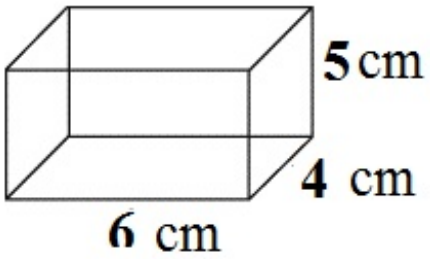
4/16/18 CCM6

TEST Unit 12--Volume and Surface Area

No HW

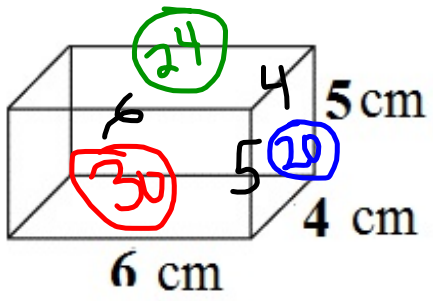


$V = 120\ cm^3$

1. How many cubes with an edge length of 1/2 cm will fit inside?

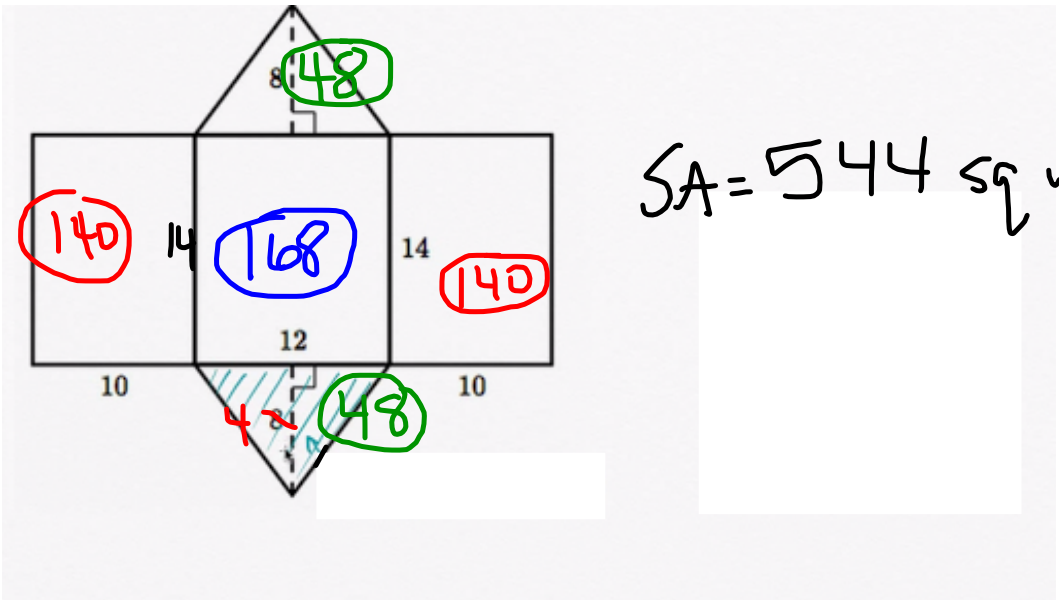
$V = \frac{1}{8}\ cm^3$

$120 \div \frac{1}{8} =$ 960 fit

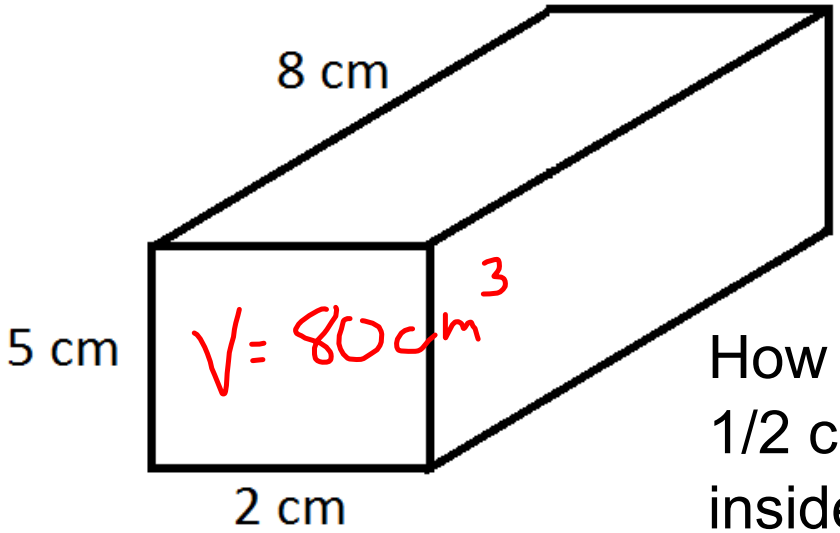


What is the surface area of the prism to the left?

$74 \times 2 = \underline{\underline{148 \text{ cm}^2}}$



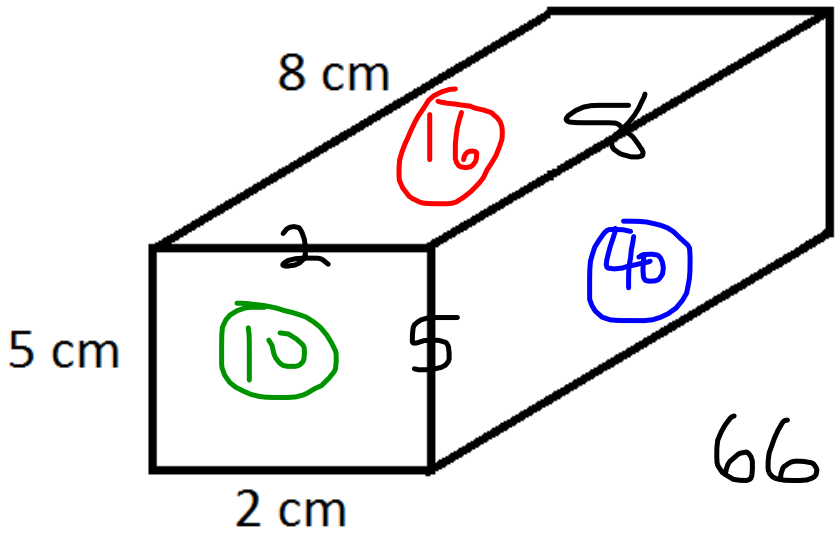
SA = 544 sq units

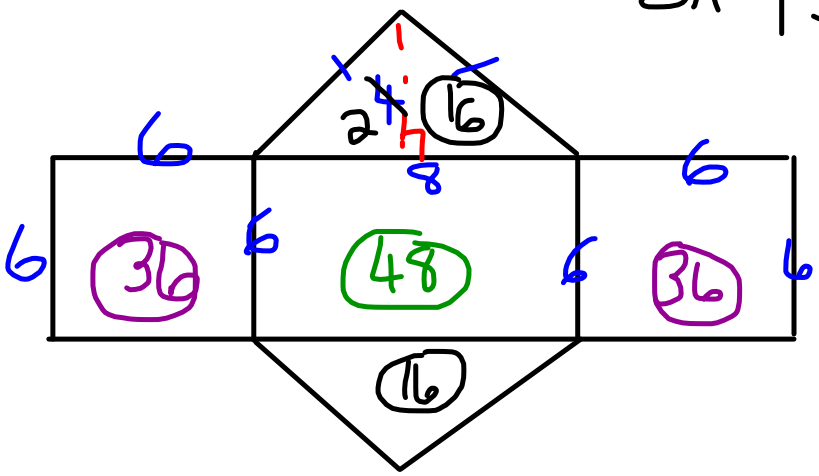


$80 \div \frac{1}{8} = 640$ fit

$V = \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} = \frac{1}{8} cm^3$

How many cubes with 1/2 cm edges fit inside?



$66 \times 2 = 132 cm^2$

SA = 152 sq units