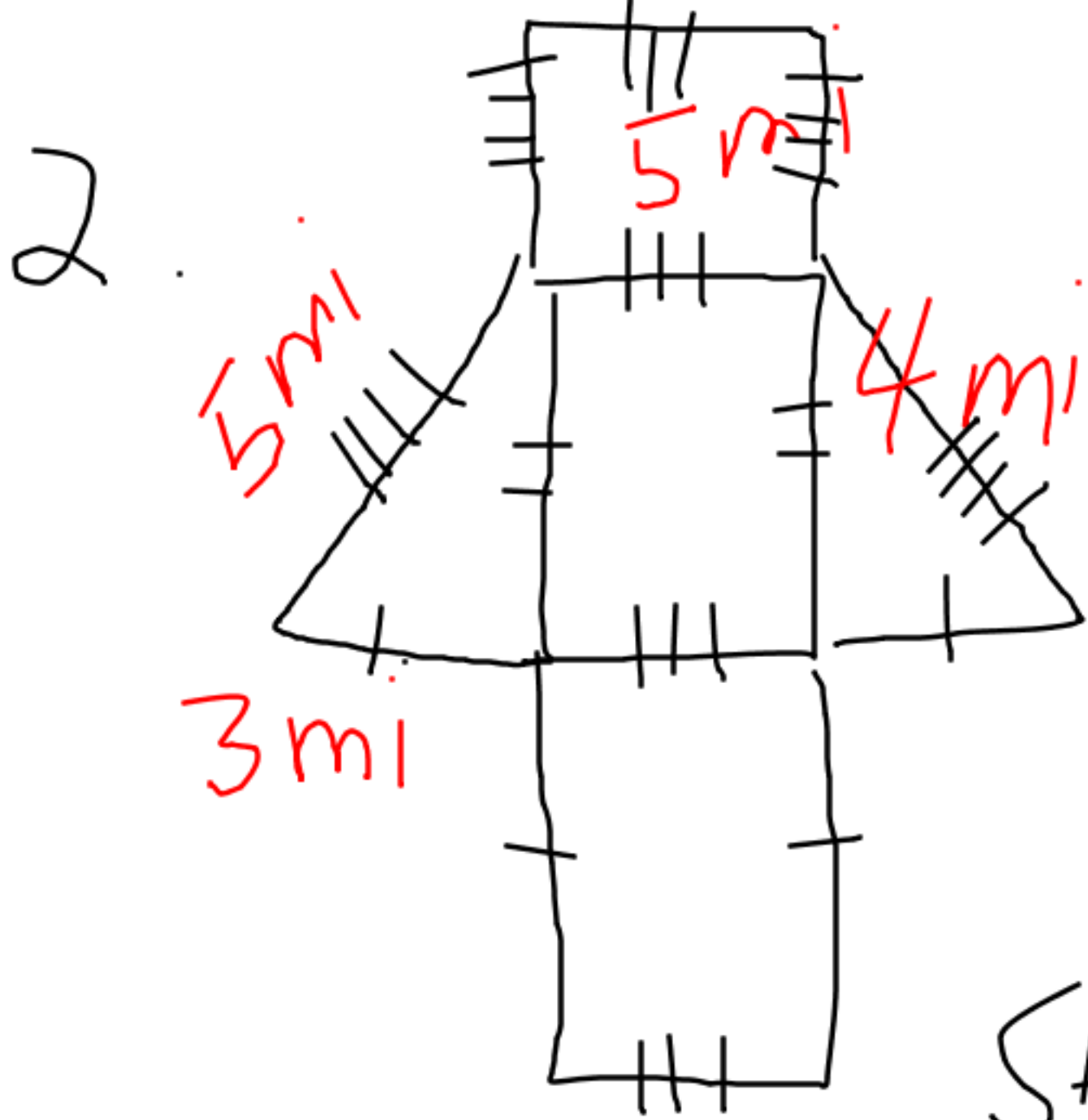




$$S.A. = \left(\frac{bh}{2} \right) + (l \times w) + (l \times w) + (l \times w)$$

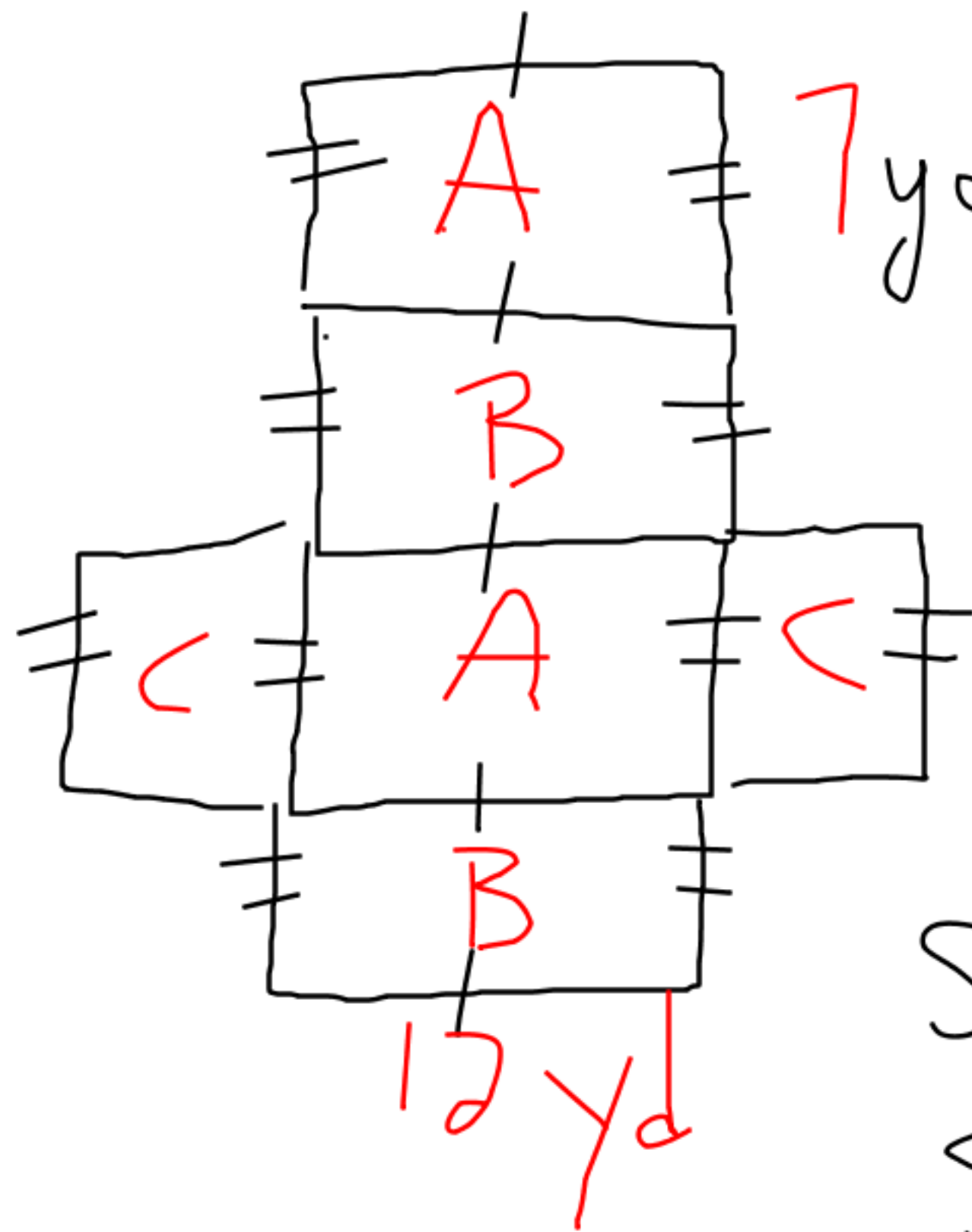
$$SA = 2 \left(\frac{3 \times 4}{2} \right) + (5 \times 5) + (5 \times 4) + (5 \times 3)$$

$$SA = 2(6) + 25 + 20 + 15$$

$$SA = 12 + 60$$

$$SA = 72 \text{ mi}^2$$

1.



$$SA = 2(A) + 2(B) + 2(C)$$

$$SA = 2(2 \times 7) + 2(7 \times 7) + 2(7 \times 12)$$

$$SA = 2(84) + 2(49) + 2(84)$$

$$SA = 168 + 98 + 168$$

$$SA = 434 \text{ yd}^2$$

$$V = l \times w \times h$$

$$V = 12 \times 7 \times 7$$

$$V = 588 \text{ yd}^3$$



$$SA = \pi r^2 + \pi r s$$

$$SA = 3.14(9)^2 + 3.14(9)(20.1)$$

$$SA = 822.4 \text{ km}^2$$

$$V = \frac{\pi r^2 h}{3}$$

$$V = \frac{(3.14)(9)^2(18)}{3}$$

$$a^2 + b^2 = c^2$$

$$9^2 + b^2 = 20.1^2$$

$$81 + b^2 = 404.01$$

$$\sqrt{b^2} = \sqrt{323.01}$$

$$b = 17.9$$

$$b \approx 18$$

