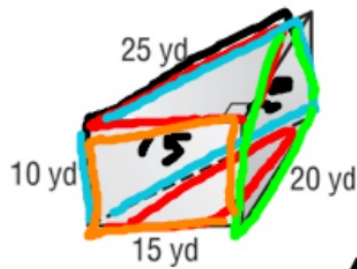


Surface Area of Triangular Prisms

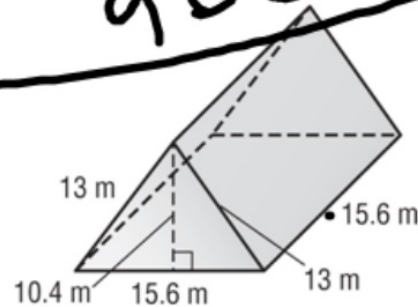
Find the surface area of each triangular prism. Round to the nearest tenth if necessary.

1.



$$\begin{aligned}
 & \underline{(25)(10)} = 250 \\
 & \underline{(15)(20)} = 300 \\
 & \underline{(15)(10)} = 150 \\
 & \underline{(10)(20)} = 200 \\
 & \hline
 & 900 \text{ yd}^2
 \end{aligned}$$

$$\begin{aligned}
 & (15.6)(10.4) = \\
 & 2(13)(15.6) = \\
 & (15.6)(15.6) =
 \end{aligned}$$



$$2 \left(\frac{1}{2} (7.8) (20.8) \right) = 162.24$$

$$2 (13) (18.2) = 473.2$$

$$(20.8) (18.2) = 378.56$$

Calculator

$$162.24 + 473.2 + 378.56 = 1014$$

1014

6. **PACKAGING** Pascal's Peanut Company packages dry-roasted peanuts in a box in the shape of a triangular prism. The dimensions are shown below. What is the surface area of the box?

