1.3 Surface Areas of Objects made from Right Rectangular Prisms
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$$
\begin{aligned}
S A & =2 l w+2 l h+2 w h \\
& =2(l w+l h+w h)
\end{aligned}
$$

the sum of the areas of its 6 rectangular faces

Ex .\#1


$$
\begin{aligned}
S A & =2(l w+l h+w h) \\
& =2(10.8+10.6+86) \\
& =2(80+60+48) \\
& =\frac{376 \mathrm{~cm}^{2}}{\uparrow} \\
& \text { DUNT FORGET } \\
& \text { UNITSIII }
\end{aligned}
$$

A compostle object is made of 2 or more objects


object


* not part of the surface area


$$
\begin{aligned}
S A & =2 l w+2 l h+2 w h \\
& =2.66+26.3+263 \\
& =144 m^{2}
\end{aligned}
$$

$$
S A=2(l w+l h+w h)
$$

$$
\begin{aligned}
S A & =6 \times 3 \\
& =18 \times 2 \\
& =36 \mathrm{~m}^{2}
\end{aligned}
$$

$$
\begin{aligned}
& S A=144+360-36 \\
&=468 m^{2} \\
& \text { pg } 30 \# 5,8,10,11
\end{aligned}
$$

