

$$
\begin{aligned}
S A & =\pi r^{2}+2 \pi r h \\
& =\pi(2)^{2}+2 \pi(2)(1.5) \\
& =12.56+18.84 \\
& =31.4 \mathrm{ft}^{2}
\end{aligned}
$$

(a) One Roll $10^{\prime} \times 15^{\prime}=150 \mathrm{ft}^{2}$

$$
150 \div 31.4=4.7
$$

(b) $\$ 149.00 \quad \therefore 4$ ponds.

$$
\frac{2}{87.25}
$$

4. 

$$
\begin{aligned}
& \begin{aligned}
\text { Cylinder } & =2 \pi r^{2}+2 \pi r h \\
& =2(3.14)(1.75)(4.7) \\
& =51.65 \mathrm{yd}^{2} \\
2 \text { Cones } & 2\left(\pi x^{2}+\pi r s\right) \\
& =2 \pi r s \\
& =2(3.14)(1.75)(2.73) \\
& =30 . \mathrm{dd}^{2}
\end{aligned} \\
& \left.\begin{array}{rl}
\text { Total } & =51.65+30
\end{array}\right)=81.65 \mathrm{yd}^{2}
\end{aligned}
$$



Convert to yards



