

4. Perimeter of rectangular sheet

$$\begin{aligned} &= 2(l+b) \\ &= 2\left(12\frac{1}{2} + 10\frac{2}{3}\right) \\ &= 2\left(\frac{25}{2} + \frac{32}{3}\right) \\ &= 2\left(\frac{75+64}{6}\right) \\ &= 2 \times \frac{139}{6} \\ &= \frac{139}{3} \\ &= 46\frac{1}{3} \text{ cm} \end{aligned}$$