The cost for delivering a load of topsoil is $216. If a landscaping business purchases 11 load on Monday and 9 ½ loads on Tuesday, how much will they pay?

Solution

They will pay

$$S = \$216\left(11 + 9\frac{1}{2}\right) = \$216\left(11 + \frac{19}{2}\right) = \$216\left(\frac{22 + 19}{2}\right) = \$108 \cdot 41 = \$4428.$$

Answer: $4482.