

Assignment 2:

$$\begin{aligned}
 3b) & \left(\frac{-22}{9} \times \left(\frac{9}{4} \right)^{\frac{3}{2}} \right) \div \frac{11}{2} \\
 &= \left(\frac{-22}{9} \times \frac{(3^2)^{\frac{3}{2}}}{(2^2)^{\frac{3}{2}}} \right) \div \frac{11}{2} \\
 &= \left(\frac{-22}{9} \times \frac{3^3}{2^3} \right) \div \frac{11}{2} \\
 &= \left(\frac{-22}{\cancel{9^2}} \times \frac{3^{\cancel{3}^2}}{2^{\cancel{3}^2}} \right) \times \frac{\cancel{2}}{11} \\
 &= \frac{-22 \times 3}{2^2 \times 11} \\
 &= \frac{\cancel{11} \cdot -22 \times 3}{4^2 \times 11} \\
 &= \frac{-3}{2}
 \end{aligned}$$

Note:

Q 1,
2,
3a,
4a,
5a,
5b,
7,
8b,
8c.

were marked
in Assignment
2.