

Correct. Divide each term in the polynomial by the monomial. The question marks stand for 4.

$$\frac{9z^7 + 15z^5 - 12z}{3z^3} = \frac{9z^7}{3z^3} + \frac{15z^5}{3z^3} - \frac{12z}{3z^3} = 3z^4 + 5z^2 - \frac{4}{z^2}$$