

Solutions

2.1 Substitute: $4+15=19$.

2.2 Square -2 in brackets to get 4; multiply by 3.

2.3 $8/4 \times 3=6$.

3.1 False. The coefficient multiplying x^2 is 3; the exponent is 2. At $x=2$ the term is $3 \times 4=12$.

Local review guidance: show the chosen method; give the checked result; explain the condition or failed shortcut. This is authored classroom guidance.