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f (4) = 11.3137 abs. max

$$\begin{array}{l}
(2x 13) (\cancel{x}) + (x) = x^3 - 5x + 3 \sin x^2 & \text{on } (-2, 2.5) \\
f'(x) = 3x^2 - 5 + 3 \cos x^2 & (2x) \\
f'(x) = 3x^3 - 5 + 6x \cos x^2 \\
cont. \#'s \\
f(-1.2641) = 7.3 \text{ abs. } max \\
f(-1.2641) = 7.3 \text{ abs. } max \\
f(-1.2641) = -1.3 \\
f(1.2267) = -1.3 \\
f(2.0183) = -4.3 \text{ abs. } min
\end{array}$$

