Problem 1 *Find the critical numbers of the function*
$y = f(x) = (x-13)^2\left(x+\frac{7}{2}\right) - 36x$

$= \boxed{\{1, 14\}}$

Write your answer using set notation; for example, 1,2,3 or -3,-2,5.¡br/¿ Use curly braces, no spaces, commas separating the elements, and the elements in increasing order.

Problem 2 *We can add such as in* $2 + 2 = \boxed{4}$.

Problem 3 *Multiplication looks like* $3 \times 3 = \boxed{9}$.

Problem 4 *Now consider* $\sqrt{\boxed{16}} = 4$.

Problem 5 *Therefore* $4 \times 4 = \boxed{16}$.

Problem 6 ***Multiple Choice:***

(a) *Incorrect*

(b) *Wrong*

(c) *It's this one* ✓

(d) *Not Right*

Problem 7 *There were* $\boxed{4}$ *possible answers to that question.*

Problem 8 ***Multiple Choice:***

(a) *Not correct*

(b) *Pick me!* ✓

(c) *False*

(d) *Untrue*