CALCULUS
Miscellaneous precalculus
NEW

0040-1. Find the intervals of positivity and negativity for $f(x) = -2(x+1)(x-1)^3(x-5)^3$.

0040-2. a. Expand $(x+y)^4$.

b. Expand $(u^2 - v^3)^4$.

0040-3. Rationalize the numerator in
$$\frac{\sqrt{7} - \sqrt{7+h}}{h\sqrt{7}\sqrt{7+h}}.$$