CALCULUS
Miscellaneous precalculus
NEW

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

0040-2. a. Expand $(x+y)^7$.

b. Expand $(u^3 - 2v^3)^7$.

0040-3. Rationalize the numerator in

$$\frac{\sqrt{4+2h} - \sqrt{4-h}}{h}.$$