15) Evaluate when x = -3
x^4 $(-3)^4 = (-3)(-3)(-3)(-3)$ $9 \cdot 9 = 81$

16) Simplify.
$-6 \bullet 2 \bullet -5$ $-12 \cdot -5 = 60$

17) Simplify.
$\frac{-18}{-3}$ $\frac{neg}{neg} = pos$ $\frac{-18}{-3} = 6$

18) Simplify.
$\frac{20}{-2}$ $\frac{pos}{neg} = neg$ $\frac{20}{-2} = -10$

19) Simplify.
$\frac{-8+4 \bullet -3}{2--4--1}$ $\frac{-8+4 \cdot -3}{2--4--1}$ (-12; +4) PEMDAS order of ops double neg $\frac{-8+-12}{2+4-1} = \frac{-20}{5} = -4$

20) Simplify.
$-\left(\frac{54}{-9}\right)$ 2 neg's = pos $\frac{54}{9} = 6$

Honors / Extra Credit

$$\frac{-2[3-(7)-2^4 \bullet 5]}{|-5--1|} + \frac{(-2)^4 - 3 \bullet 4 - 7}{-1-4}$$

$\frac{-2[3-7-4 \cdot 5]}{|-4|} + \frac{4-3 \cdot 4-7}{-5}$

$\frac{-2[3-7-20]}{4} + \frac{4-12-7}{-5}$

$\frac{-2[-24]}{4} + \frac{-15}{-5}$

$\frac{48}{4} + 3 = 12 + 3 = 15$