Please attach the appropriate cover sheet to your assignment when you turn it in. Remember that it must be stapled and also that you cannot turn this in late! To get full credit, you must have neat work, show all work, and circle or box all answers!!
(1) (10 points) Without evaluating it, how can you tell if the following expression is positive or negative? (State clearly whether you think this is positive or negative.)

$$
\frac{(1)(2)(3) \cdots(49)(50)}{(-2)(-4)(-6) \cdots(-34)}
$$

(2) (10 points) Simplify this expression (show all your steps).

$$
\frac{-3(2-5)-(-18 \div 3 x 4) \div 2+1-6}{8-(7-9)+1}
$$

(3) (10 points) Evaluate this expression when $x=-5, y=2$ and $z=\frac{-1}{4}$.

$$
\frac{4 y^{3}-x^{2}}{25 z^{-2}}
$$

(4) (5 points each) Use two different methods to show these calculations.
(a) $(-24) \div 8$
(b) $-5+-2$
(c) $4 \cdot(-3)$
(d) $-7-(-2)$
(5) (10 points) Use a number line to explain and calculate this expression.

$$
-5-(-(-2))+1-3+(-4)
$$

(6) From the book: (10 points each)
8.1 B \#18, 19, 21
8.2 B \#16, 21, 37
pg 376 (Problems for Writing/Discussion) \#3, 6
9.1 B \#10, 16, 33
9.2 B \#18, 27, 32, 33, 38, 41

