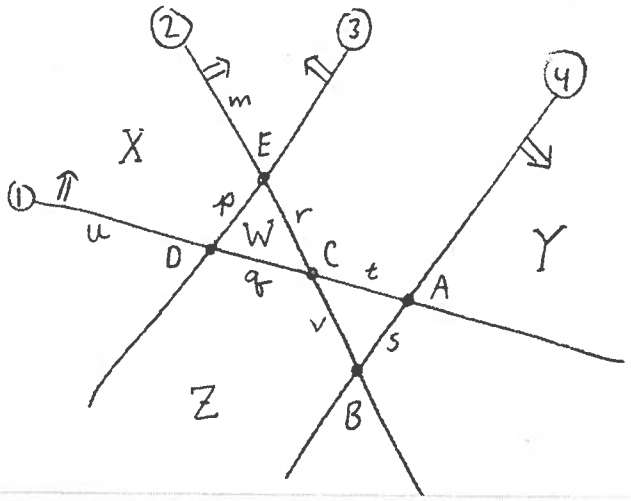
Geometry Test 3 Review

(1) Do Test 1 Review, then rework Test 1.

(2) Do Test 2 Review, then rework Test 2.

(3) Rework all quizzes, 1-10.

(4) Consider the given line arrangment:



Find the following faces as sign vectors.

X $\langle + - + - \rangle$ W $\langle + - - - \rangle$

E $\langle + 0 0 - \rangle$ Z $\langle - - - - \rangle$

s $\langle - + - 0 \rangle$ v $\langle - 0 - - \rangle$

r $\langle + 0 - - \rangle$

Find the following restrictions using the sign vectors and the logical definition. Which of the results are actually in the line arrangement? (Give their names.)

$W_s = \{\langle 00 - - \rangle, \langle + 0 - - \rangle, \langle 0 - - - \rangle\} = \{C, r, q\}$

$X_W = \{\langle + - 0 - \rangle\} = \{p\}$

$v_E = \{\langle 00 - - \rangle\} = \{C\}$

$Z_r = \{\langle 0 - - - \rangle\} = \{q\}$

$X_s = \{\langle 000 - \rangle, \langle + 00 - \rangle, \langle 0 - 0 - \rangle, \langle 00 + - \rangle, \langle 0 - + - \rangle, \langle + 0 + - \rangle, \langle + - 0 - \rangle\} = \{E, D, u, m, p\}$