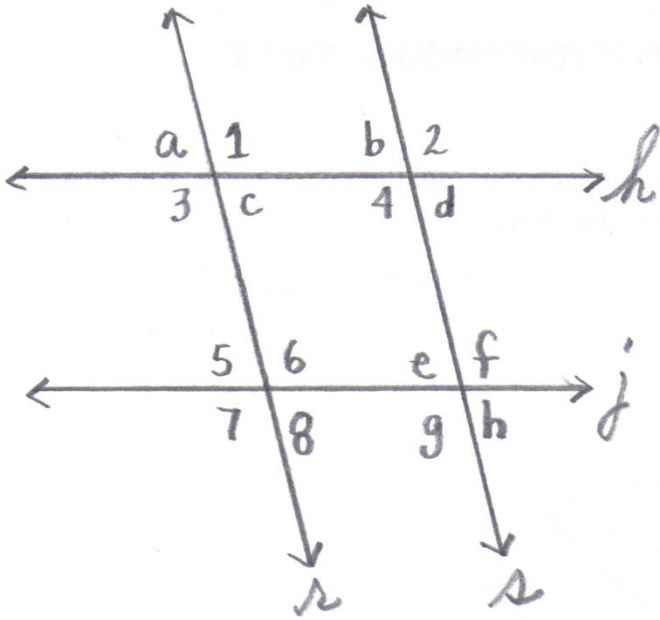


Math 2 Chapter 3 Practice Quiz #5

1. There may be more than one correct answer.



Corresponding: $3\angle$ and \angle _____

Alternate Interior: $g\angle$ and \angle _____

Vertical: $d\angle$ and \angle _____

Same-Side Interior: $4\angle$ and \angle _____

Linear Pair: $h\angle$ and \angle _____

2. If $h \parallel j$ and $r \parallel s$ in the figure above what relationship does each pair of angles below have? Circle supplementary or congruent.

$\angle a$ and $\angle c$ supplementary or congruent

$\angle 8$ and $\angle c$ supplementary or congruent

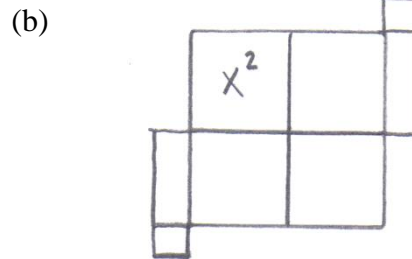
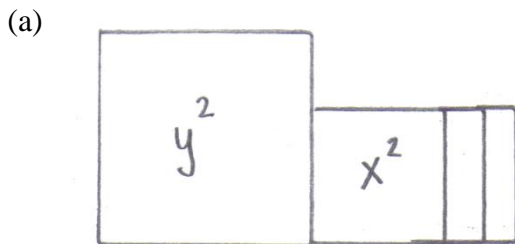
$\angle f$ and $\angle d$ supplementary or congruent

$\angle a$ and $\angle 1$ supplementary or congruent

$\angle 3$ and $\angle 5$ supplementary or congruent

$\angle 1$ and $\angle 4$ supplementary or congruent

3. Find the perimeter of the figures below.



Perimeter = _____

Perimeter = _____

4. Solve each system of equations by using the elimination method.

(a) $-x + 6y = 11$
 $5x + 2y = -23$

(b) $2x - 2y = 12$
 $4x + 4y = 8$

(_____ , _____)

(_____ , _____)