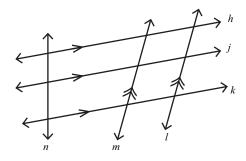
Handout 1: Read Between the Lines



1. What two characteristics do lines need to have in order to be parallel?

line v?

- 2. Two lines that never intersect must be parallel. Is this true or false?
- 3. Which of the lines in the figure are parallel to j?
- 4. Which of the lines in the figure are parallel to n?
- 5. Which of the lines in the figure are not parallel to *l*?
- 6. Line w has the equation $y = \frac{1}{3}x + 1$. If line v is parallel to line w and passes through (0,0), what is the equation of

- 7. Line p has the equation 5x + 10y = 20. If line q is parallel to line p and passes through (10,0), what is the equation of line q?
- 8. Line a has the equation 7x + 2y = 14 and line b has the equation 7x-2y = 16. Are the two lines parallel?
- 9. Line r has the equation 2x + 3y = 17 and line s has the equation -4x 6y = 12. Are the two lines parallel?
- 10. Line g has the equation 27x 9y = 18 and line h has the equation 9x 3y = 6. Are the two lines parallel?

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