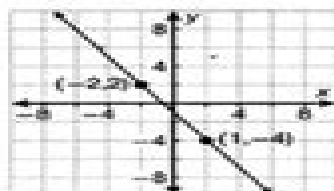


Test 9

1. (28) Find the GCF of $12x^3y^4z^2 + 8x^2y^5z^3$.

2. (40) A square patio has a side length of $11n$ feet. What is the area of the patio?

3. (46) Determine the slope of the given line.



4. (45) Translate the sentence below into an inequality.

The product of a number and 3 is greater than 5.

Simplify problems 5–8.

5. (28) $\frac{m^2}{n} \left(\frac{m^2}{n^2} + \frac{2n^3}{x} \right)$

6. (22) $\frac{1}{y-3}$

7. (18) $6xy^2 + 5x^2y - 3yx^2 - 3y^2x$

8. (12) $(37) \div 9x \div \left(\frac{1}{37} \right)$

9. (40) A hiker walks at a constant speed, as shown in the table below. What is the rate of change?

Time (hours)	2	4	6	8
Distance (miles)	6	12	18	24

Algebra Cumulative Test Answers

Kelly, Timothy J. Kelly



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