SEMESTERTESTREVIEW

Semester 2 Test Topics (Scavenger Hunt)

Find and solve questions matching each topic. If you understand and can do all of these problems, you will do fine on the 2nd semester exam.

If you struggle with any question, ask Mr. Petto about it.

If you need extra practice with any question, be sure you can do any other questions listed near that item on the page where you find it.

Good luck!

- graph a system of equations
- recognize elements of slope-intercept form
- solve a system of equations using substitution
- solve a system of equations using elimination (2)
- graph a system of inequalities (2)
- simplify exponential expressions (8)
- add & multiply radical expressions (4)
- use scientific notation
- word problem
- match a function/equation to its graph
- compound interest (2)
- write a polynomial in standard form
- add & subtract polynomials (2)
- multiply a monomial and a polynomial
- expand binomial expressions (4)
- factor polynomial expressions (6)
- graph a quadratic function/equation
- solve a quadratic equation by factoring
- solve a quadratic equation using the quadratic formula
- simplify radical expressions (2)
- rationalize the denominator of a radical expression

- simplify rational expressions (2)
- multiply rational expressions (2)
- divide rational expressions (2)
- add or subtract rational expressions

SEMESTERTESTREVIEW

Semester 2 Test Topics (Scavenger Hunt)

Here are Mr. Petto's "finds" for the scavenger hunt topics, so far. If you understand and can do all of these problems, you should do fine on the midterm exam.

If you struggle with any question, ask Mr. Petto about it.

If you need extra practice with any question, be sure you can do any other questions listed near that item on the page where you find it.

Good luck!

- p343: 5, 6
- p350: 5, 11
- p356: 3; p357:11
- p380: 5, 7, 9
- p397: 1, 3, 17, 19, 22, 23, 31, 32
- p603: 12, 13, 17, 19
- p433: 15
- p441: 17, 19; p442: 32
- p459: 15, 17
- p463: 7, 8
- p469: 5, 7, 9; p477: 1, 7
- p483: 13, 27; p487: 5; p488: 17, 23; p493: 15
- p520: 11, 13
- p538: 7, 9
- p550: 1, 3,5
- p581: 3, 6; p582: 41, 43
- p582: 45, 46
- p654: 3, 13
- p659: 3, 9, 23, 24
- p669: 5, 8