

Precalculus, Chapter “P” – Prerequisites Unit

OA.1 (**N&Q**): I can describe intervals using interval notation.

P. 9: 6, 10, 14, 20, 25, 30, 32, 35

OA.2 (**N&Q**): I can simplify expressions involving exponents and extend these properties to scientific notation.

P. 10: 48, 51, 52, 54, 58, 61, 64

OA.3 (**Algebra**): I can solve linear equations and inequalities in one variable.

P. 25: 22, 24, 27, 38, 44, 48, 72, 73

OA.4 (**Algebra**): I can write linear equations in two variables.

P. 36: 4, 24, 32, 42, 51, 65

.....
OA.5 (**Functions**): I can write a polynomial in standard form, determine its degree and its leading coefficient. I can also identify if an expression is a polynomial.

P. 789: 1-8, 10, 14, 17

OA.6 (**Algebra**): I can factor quadratic expressions and expand the product of factors.

P. 789: 20,24-26, 30, 32, 34, 40, 43, 44, 46, 47, 50, 52, 55, 56, 62-66, 75-80

OA.7 (**Algebra**): I can solve quadratic equations by factoring, using the Quadratic Formula, graphing, or using inverse operations.

P. 46: 1-4, 8-10, 19, 20, 24, 29, 30, 48, 57, 59, 60

.....
OA.8 (**Algebra**): I can solve cubic and absolute value equations by graphing.

P. 46: 27, 28, 31, 41-44, 53, 56

OA.9 (**Algebra**): I can solve inequalities algebraically and graphically.

P.58: 1-4, 9-12, 20-24, 29, 33, 46

OA.10 (**Algebra**): I can combine and/or simplify complex numbers and find complex solutions of quadratic equations.

P.53: 6, 16, 26, 34, 36, 38, 42
.....