mobius

Math worksheet on *'Algebraic Function Variable Substitution - Simple Squared Terms (Negatives) (Level 2)'*. Part of a broader unit on *'Algebra Basic Concepts - Advanced'*

Learn online: app.mobius.academy/math/units/algebra_basic_concepts_advanced/

1 What is the value of this equation when z=-7, d=-5

$$3z^2 - 4d^2$$

a	b	c	d	e	f
−441	247	127	441	−147	47

2 What is the value of this equation when z=-8, c=3

$$-4z^2 - 7c^2$$

a	b	c	d	e	f
−256	277	−1,024	319	−319	1,024

3 What is the value of this equation when x=-7, r=5

$$3x^2 + 2r^2$$

a	b	c	d	e	f
197	−147	441	157	−441	97

4 What is the value of this equation when n=-4, c=5

$$-6n^2 - 5c^2$$

a	b	c	d	e	f
−221	121	221	−576	576	−96

5 What is the value of this equation when d=-8, y=-6

$$7d^2 - 5y^2$$

a	b	c	d	e	f
3,136	268	418	−3,136	628	−448

6 What is the value of this equation when m=7, c=-5

$$5m^2 + 3c^2$$

a	b	c	d	e	f
−245	320	170	230	−1,225	1,225

7 What is the value of this equation when x=-3, r=6

$$2x^2 + 6r^2$$

a	b	c	d	e	f
−36	54	234	36	−198	−18