Name _____ Date _____

Expressions for Exponential Functions - Matching Worksheet

Write the letter of the answer that matches the problem.

_____	1. Mrs. Bratty invests $13,000 at a 5% interest rate per year, compounded quarterly. How much money will she get back after 9 years?	a.	$39,775.19
_____	2. Jessica invests $6,700 at a 4% interest rate per year, compounded quarterly. Find the balance after 15 years.	b.	$12,171.87
_____	3. Luke borrows $9,800 at a 6% interest rate per year compounded semi-annually. Calculate the amount he will owe after 5 years.	c.	$46,094.92
_____	4. Ryan invests $4,000 at a 2% interest rate per year, compounded quarterly. Find the balance after 10 years.	d.	$4,883.18
_____	5. Aidan borrows $34,000 at an 8% interest rate per year compounded semi-annually. Calculate the amount he owes after 2 years.	e.	$11,224.1
_____	6. Alyssa saves $9,400 at a 6% interest rate per year, compounded semi-annually. How much money will she get back after 3 years?	f.	$20,331.27
_____	7. Logan invests $1,400 at a 4% interest rate per year, compounded quarterly. Find the balance after 8 years.	g.	$1,924.92
_____	8. Grace lands an investment of $19,450 at 8% interest rate per year, compounded semi-annually. How much money will he get back after 11 years?	h.	$13,170.38