Exponential Laws #1

1) Please write the following as a single power using the exponent laws.

a) b)  c) 

d)  e)  f) 

g) h) i)

2) Write the following in expanded form and then evaluate.

a) 35 b) 

c) (-3)4 d) -34

e)  f) (-5)1

g) h)

Exponential Laws #2

1) Please write the following as a single power using the exponent laws, remember to NOT leave

any negative exponents or decimals. Do **NOT** evaluate.

a) b)  c) 

d)  e)  f) 

g) h) i)

2) Evaluate the following, do NOT leave decimals answers, leave them in fraction form.

a) 3-3 b) 

c) (-1)12 d) -112

e) f) 20000

g) h)

Exponential Laws #3

1) Please write the following as a single power using the exponent laws, remember to NOT leave

any negative exponents or decimals. Do **NOT** evaluate.

a) b)  c) 

d)  e)  f) 

g) h) i)

2) Evaluate the following, do **NOT** leave decimals answers, leave them in fraction form.

a) (-3) 3 b) 

c) (-1)99 d) -1100

e) f) 343.2480

g) h)