

Name:

Date:

Period:

SUBTRACTING INTEGERS HOMEWORK

1. Complete the table below.

	Beginning Elevation (Feet)	Final Elevation (Feet)	Difference Between <u>Final</u> and <u>Beginning</u>	Change (Positive or Negative?)
A	+ 400	+ 900	900 - 400	+ 500
B	+ 400	+ 50		
C	+ 400	- 120		
D	- 200	+ 610		
E	- 200	- 50		
F	- 200	- 500		
G	- 200	0		

2. What's the final elevation if:

a. A bird starts at **20 m** and changes +16 m?

b. A butterfly starts at **20 m** and changes -16 m?

c. A diver starts at **5 m** and changes -16 m?

d. A whale starts at **-9 m** and changes 11 m?

e. A fish starts at **-9 m** and changes -11 m?

3. What's their final bank account balance?

a. Clare has \$54 in her bank account. A store credits her account with a \$10 refund. How much does she now have in the bank?

b. Mai owes the bank \$60. She gets \$85 for her birthday and deposits it into her account. How much does she now have in the bank?

c. Tyler is overdrawn at the bank by \$180. His brother has \$70 more than him. How much money does Tyler's brother have?

d. Andre has \$37 in his bank account and writes a check for \$87. After the check has been cashed, what will the bank balance show?

4. Find each **difference**. If you get stuck, PLEASE *consider drawing a number line.*

1. $9 - 4$

5. $-9 - 4$

2. $4 - 9$

6. $4 - (-9)$

3. $9 - (-4)$

7. $-4 - (-9)$

4. $-9 - (-4)$

8. $-4 - 9$