

Concept Check Worksheet

I. Fill in the blanks in each case given below:

Quantity	Opposite of the quantity
(i) Profit of \$80	_____
(ii) Going 50 km towards East	_____
(iii) _____	Going 60 m below the sea level
(iv) _____	Gaining \$3250
(v) _____	Going 37 m due North
(vi) Losing weight of 4.7 kg	_____
(vii) A decrease of 23%	_____
(viii) _____	Rise of 55% of the cost.
(ix) 22m towards left	_____
(x) _____	17° above 33°
(xi) _____	Withdrawing \$235 from a bank.
(xii) Giving \$1000 to Ron	_____



I. Write an appropriate integer for each of the following:

- (i) A loss of \$35 = ?
- (ii) 75° above zero degree = ?
- (iii) 24° below zero = ?
- (iv) Depositing \$680 in a bank = ?
- (v) Gaining \$555 = ?
- (vi) Losing \$324 = ?
- (vii) Withdrawing \$1560 from a bank = ?

Evaluate. *(absolute value)*

1. $|-7|$

2. $|15|$

3. $|0|$

4. $-|5|$

5. $-|-3|$

6. $|-7| - |4|$

7. $|-2| + |15|$

8. $|9| - |-4|$

9. $-|-101|$

10. $|-17| - |17|$

11. $|-13| + |-3|$

12. $|8| - |-7|$

Representation of Integers

Statement	Integer
1) Tom has to pay a 19 dollar penalty for driving too fast.	_____
2) Sally has thirty-two pennies in her bank.	_____
3) The stock market dropped forty-one points after the bad economic news yesterday.	_____
4) Jessica grew thirty-six cantelopes on his farm.	_____
5) Jason had twenty baseball cards in his collection.	_____
6) Alyssa lost 11 pounds after working out and dieting.	_____
7) Mike went to 24 football games this year.	_____
8) There are 18 dogwood trees currently in the park.	_____
9) Tom has 40 black balloons in his collection.	_____
10) Sara lost thirty-seven dimes because she did not put the money in her piggy bank.	_____
11) Tim found forty-one seashells on the beach during his vacation.	_____
12) Fred picked 13 lemons at the orchard.	_____
13) The temperature fell 49 degrees overnight.	_____
14) Sam has sixteen books in his library.	_____
15) Jason placed ten rulers on the table.	_____