Name: _____ prtutorial.in Date: _____



Adding and Subtracting Integers Worksheet



Find the answer for each question. Show your working if needed.

1. Add the integers.

a) 6 + 8 = _____

b) −4 + 7 = _____

c) −9 + (−5) = _____

d) 12 + (−3) = _____

e) −15 + 20 = _____

f) −7 + (−6) = _____

g) 25 + (−12) = _____

h) −18 + 9 = _____



2. Subtract the integers.

a) 10 − 4 = _____

b) −6 − 3 = _____

c) 7 − (−5) = _____

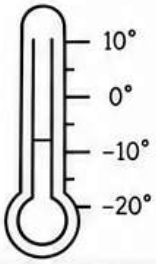
d) −12 − 8 = _____

e) 15 − (−9) = _____

f) −20 − (−6) = _____

g) 5 − 14 = _____

h) −8 − 11 = _____



Subtracting a negative is the same as adding a positive.

3. Add the integers.

a) −3 + (−7) = _____

b) 18 + (−9) = _____

c) −11 + 6 = _____

d) −5 + (−13) = _____

e) 14 + (−8) = _____

f) −16 + 4 = _____

g) 20 + (−15) = _____

h) −9 + 12 = _____



Adding a negative makes the number smaller.

4. Subtract the integers.

a) 8 − (−5) = _____

b) −14 − 7 = _____

c) 6 − (−12) = _____

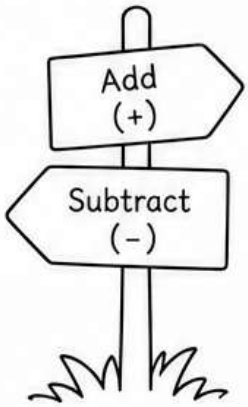
d) −3 − (−8) = _____

e) 19 − 11 = _____

f) −25 − 9 = _____

g) 4 − (−16) = _____

h) −17 − (−6) = _____



5. Find the value of each expression.

a) 5 + (−8) = _____

b) −7 + 12 = _____

c) 14 − (−6) = _____

d) −9 − 5 = _____

e) 18 + (−11) = _____

f) −15 − (−7) = _____

g) −4 + 9 − 6 = _____

h) 20 − 8 + (−3) = _____



6. Solve the word problems.



a) A temperature is −6°C. It rises by 12°C. What is the new temperature? _____

b) A submarine is at −120 m. It rises by 50 m. What is its new position? _____

c) A hiker is at 8 m above sea level. He goes down 14 m. What is his new position? _____

d) A bank account has ₹ −250. A deposit of ₹ 400 is made. What is the new balance? _____

e) The high temperature is 15°C. It falls by 22°C. What is the new temperature? _____

7. Fill in the blanks.

a) The sum of a positive and a negative can be _____, _____ or _____.

b) Subtracting a negative number is the same as _____ a positive number.

c) The additive inverse of 9 is _____.

d) The opposite of −14 is _____.

e) Zero is neither positive nor _____.

Remember:

- A positive number is greater than a negative number.
- The sum of two numbers with different signs is the difference of their absolute values.
- The additive inverse of a number has the opposite sign.