

## UNIT 15 *Negative Numbers*

## Overhead Slides

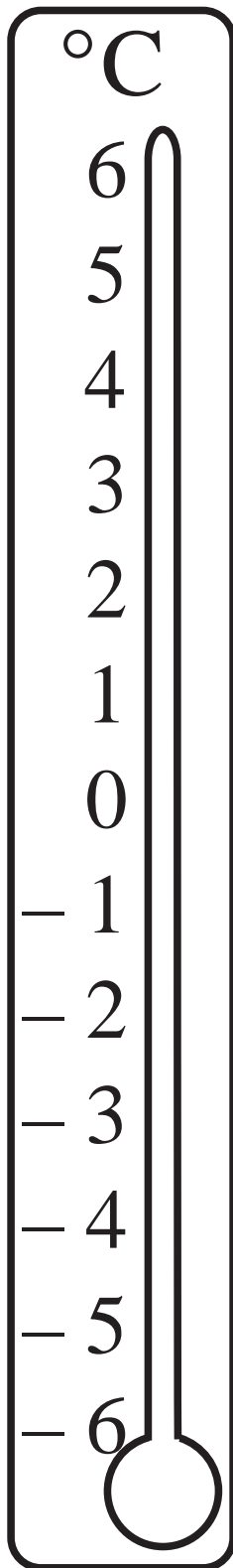
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### **Overhead Slides**

- 15.1 Temperature Number Scale
- 15.2 Number Lines 1
- 15.3 Number Lines 2
- 15.4 Multiplication

## OS 15.1

## Temperature Number Scale



1. What is the temperature after an *increase* of:

(a)  $3\text{ }^{\circ}\text{C}$  from  $2\text{ }^{\circ}\text{C}$

(b)  $3\text{ }^{\circ}\text{C}$  from  $-2\text{ }^{\circ}\text{C}$

(c)  $4\text{ }^{\circ}\text{C}$  from  $-5\text{ }^{\circ}\text{C}$

2. What is the temperature after a *decrease* of:

(a)  $3\text{ }^{\circ}\text{C}$  from  $4\text{ }^{\circ}\text{C}$

(b)  $5\text{ }^{\circ}\text{C}$  from  $2\text{ }^{\circ}\text{C}$

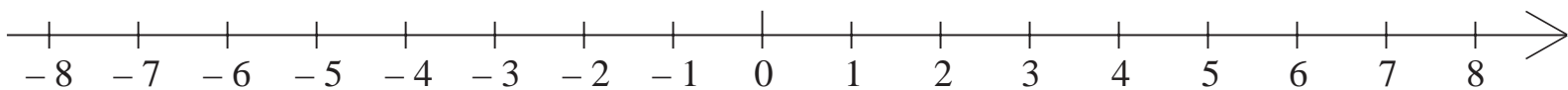
(c)  $2\text{ }^{\circ}\text{C}$  from  $-3\text{ }^{\circ}\text{C}$

## OS 15.2

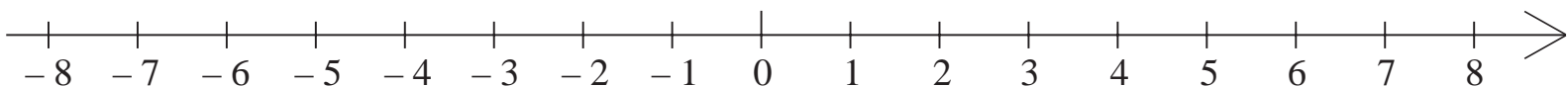
## Number Lines 1

Use the number lines to answer the problems given:

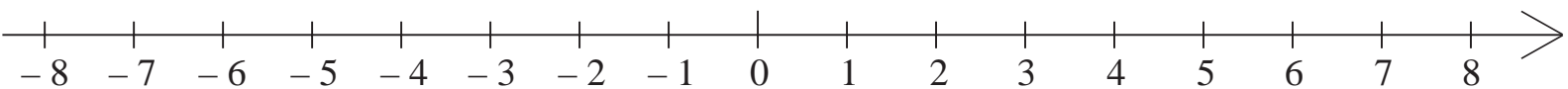
(a)  $-4 + 6 =$



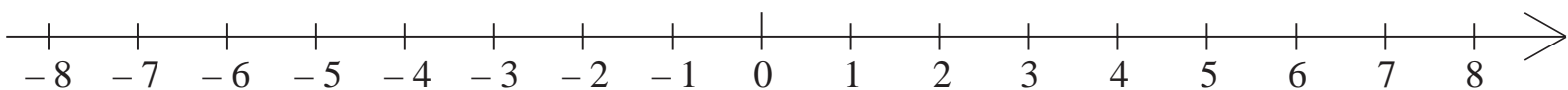
(b)  $3 + (-10) =$



(c)  $-8 + 6 =$



(c)  $-2 + (-5) =$

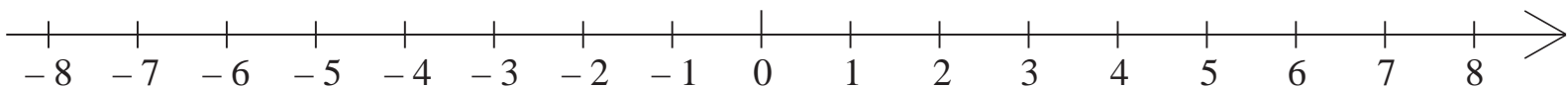


## OS 15.3

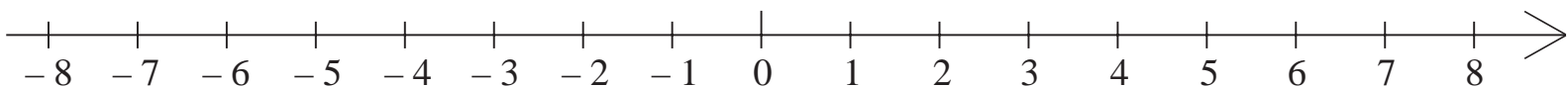
## Number Lines 2

Use the number lines to answer the problems given:

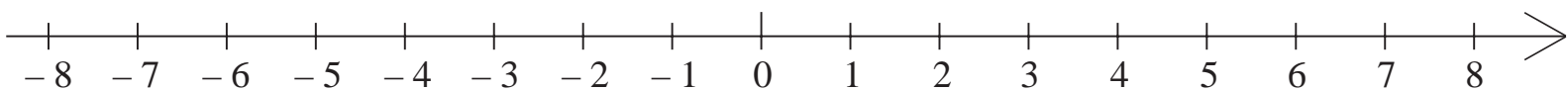
(a)  $3 - 7 =$



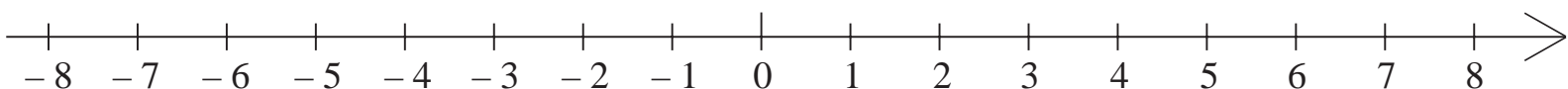
(b)  $-2 - 5 =$



(c)  $3 - (-8) =$



(c)  $-4 - (-7) =$



## OS 15.4

*Multiplication*

The following 'multiplication box' can be used to help you with the questions below:

$\times$	$+$	$-$
$+$	$+$	$-$
$-$	$-$	$+$

Calculate:

(a)  $4 \times (-6) =$

(b)  $(-8) \times (-3) =$

(c)  $(-5) \times 4 =$

(d)  $(-21) \div (-7) =$

(e)  $18 \div (-2) =$

(f)  $(-99) \div 11 =$