**Learning Targets:**

I can solve **addition** problems involving rational numbers. MAS ADV MTS APP BEG

I can solve **subtraction** problems involving rational numbers. MAS ADV MTS APP BEG

Predict **(without solving)** whether the following result will be positive, negative or zero. **You must explain your answer!**

1) -1668 + 292 3) 393 499

2) -8 + 8 4) -89 – 15

***Addition and Subtraction of Rational Numbers***

5) -2 + -3 11) 8 – 7 + 4 17) +

6) -5 + -5 12) -15 + -11 18) -5.5 + -1.5

7) 25 + -15 13) -21 + 40 19) +

8) 10 - 8 14) 2 - 10 20) 2.5 - 4.5

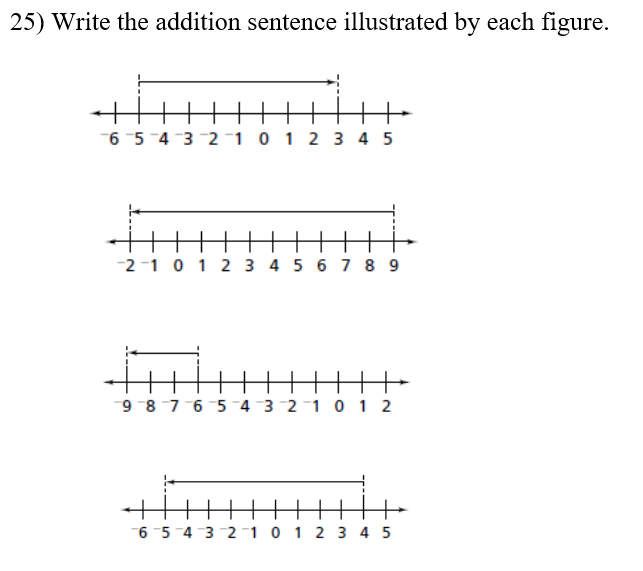
9) -6 - (-7) 15) -2 - (-10) 21) -- ()

10) 20 - (-12) 16) -22 - 15 22) -

**Answer the following question with *‘true’* or *‘false’* and *explain* your answer.** (You may use pictures, number lines and/or words)

23) The **sum** of a positive number and a negative number is always negative.

24) If a positive integer is subtracted from a negative integer, the **difference** is a negative integer.



Number Sentence: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Number Sentence: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Number Sentence: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Number Sentence: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_