6. associative property for multiplication :-

associative property is a property in which a, b and c are integers $(a \times b) \times c = a \times (b \times c)$

for example:- $(a \times b) \times c = a \times (b \times c)$

$$(1 \times 2) \times 3 = 1 \times (2 \times 3)$$

$$2 \times 3 = 1 \times 6$$

$$6 = 6$$

8. ~~A~~

Let take two teams = A, B

A team scored = -40, 10, 0

B team scored = 10, 0, -40

$$(-40) + 10 + 0 = 10 + 0 + (-40)$$

$$-30 = -30$$

commutative for integers based on this information is concluded

because the two teams scored the same points.

Maths

1. a) Closure property

2. c) 0

3. c) $a+(b+c) = (a+b)+c$

4. b) 1

10. A test awards marks for every correct answer is (+5) marks

A test awards marks for every incorrect answer is (-2) marks

* Radhika scored marks = 30 marks

Radhika attemped correct answer = 10

$= 10 \times 5$

$= 50$ marks

Radhika attemped incorred answers = 50 - 30

20 marks

incorrect answer carry -2 marks $\frac{20}{2}\frac{10}{1}$

incorrect answers - 10

* Jay scored marks = (12) marks

Jay attemped correct answers = 4

$= 4 \times 5$

$= 20$ marks

incorrect answers = $20-(-12)$

$= 20+12$

$= 42$

incorrect answer carry -2 marks - 42 / 2 = 21

incorred answers = 21

5. Closure property for addition :- Closure property is the property in which a and b are integers when we add a+b , b+a the sum should be equal

for example :- a+b = b+a

1+2 = 2+1

3 = 3

closure property for subtraction :- closure property is the property in which a and b are integers when we subtract a-b , b-a the answer should be equal. closure property will satisfy in some situations

for example = 4-4 = 4-4

0 = 0

And it would not satisfy in some situations

for example = 4-2 = 2-4

2 ≠ -2