

1/7/21

Exercise - 9(A)

$$1) 19 - (1 + 5) - 3$$

$$= 19 - 6 - 3$$

$$= 10$$

$$2) 30 \times 6 \div (5 - 2)$$

$$= 30 \times 6 \div 3$$

$$= 180 \div 3$$

$$= 60$$

$$30 \times 6 \div (5 - 2)$$

$$= 30 \times 6 \div 3$$

$$= 30 \times 2$$

$$= 60$$

$$3) 28 - (3 \times 8) \div 6$$

$$= 28 - (24 \div 6)$$

$$= 28 - 4 = 24$$

$$4) 9 - [(4 - 3) + 2 \times 5]$$

$$= 9 - [1 + 2 \times 5]$$

$$= 9 - [1 + 10] = 9 - 11$$

$$= -2$$

$$5) [18 - (5 \div 5) + 6]$$

$$= [18 - 3 + 6]$$

$$= 21$$

$$6) [(4 \times 2) - (4 \div 2)] + 8$$

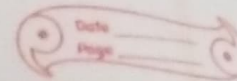
$$= [8 - 2] + 8$$

$$= 6 + 8$$

$$= 14$$

6/7/22

Exercise - 9(2)



⑤ Divisibility rule of 9

If sum of the digits is divisible by 9, then it's divisible by 9.

①  $1332 \Rightarrow$  Sum of digits  $1+3+3+2=9$ . It's divisible by 9.

②  $53247 \Rightarrow$  Sum of digits  $5+3+2+4+7=21$ . It's not divisible by 9.

③  $4968 \Rightarrow$  Sum of digits  $4+9+6+8=27$ . It's divisible by 9.

④  $200314 \Rightarrow$  Sum of digits  $2+0+0+3+1+4=10$ . It's not divisible by 9.

⑦ Divisibility by 5

If the number's unit place have 0 or 5, then its divisible by 5.

①  $5080 \Rightarrow$  Unit place is 0. Its divisible by 5.

②  $66666 \Rightarrow$  ~~Its~~ Unit place does not have 0 or 5, its not divisible by 5.

③  $755 \Rightarrow$  Unit place is 5. Its divisible by 5.

④  $9907 \Rightarrow$  Unit place does not have 0 or 5. Its not divisible by 5.