9) median = 25  $17_{12}$ ,  $24_{1}$ ,  $x+7_{1}35_{1}36_{1}46_{1}$  x+7=25 x=25-7= 18 18

Approde can be used bot categorical or numerical data. When there are outliers made can be used as it is not affected by them.

their barrorite colors and wants to know which Color is the most common. - Mode can be used in this case to measure the central dendoncy, of the data.

925 433 = 23.15

31 Well 6 W W 31 1 8 1 2 0 0 (

2 = 1,500

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954 IN. C. 11513 11, 5. 513

Mean age = 
$$12\times5+10\times3+15\times2+19\times6+8\times9$$
  
 $= 60+30+30+89+32$   
 $= 236_{118}59 = 11.8 years$ 

Mean masks = 
$$25x8+30x12+15x10+20x6+24x9$$
  
 $= 200+360+150+120+96$   
 $= 926 963 = 23.15$ 

$$7/a$$
 12 18 ,4,8,1,8,19,11,9,10,12,8  
 $mode = 8$ 

2) Eirst 10 Eibonacci numbers = 
$$0.11.1121315181131211346$$
  
 $mean = 89 = 8.8$ 

3) Eirst 5 prime numbers = 
$$2131517111$$

mean =  $2+3+5+7+11$ 
 $= 28 = 56.6$ 

Sold Hill Prime Park 15 31 15 15

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6 5 - 5 ts =

x = 344

Median = 5

5) 
$$mean = 9$$
  
 $618,x+2,10,2x-1,2$   
 $9 = 6+8+x+2+10+2x-1+2 = 27+3x$   
 $6$   
 $54 = 27+3x$   
 $3x = 27$   
 $3x = 27$   
 $3x = 27$ 

## Central Tendencies

$$||a|| 9.7,11,13,192,41,5.5$$

$$mean = 9+7+11+13+2+44+5+5$$

$$= \frac{5k}{81}7=7$$

b) 
$$2.2, 10.2, 14.7, 59, 49, 11.1, 10.5$$
  
 $mean = 2.2 + 10.2 + 14.7 + 5.9 + 4.9 + 11.1 + 10.5$   
 $= 59.5 = 8.5$ 

$$Team = 2.75 + 10.5 + 25.5 + 7.75 + 10.5$$

$$= 57 = 11.4$$

x+25 - 1 pg

1,3+2,10,26-1,2