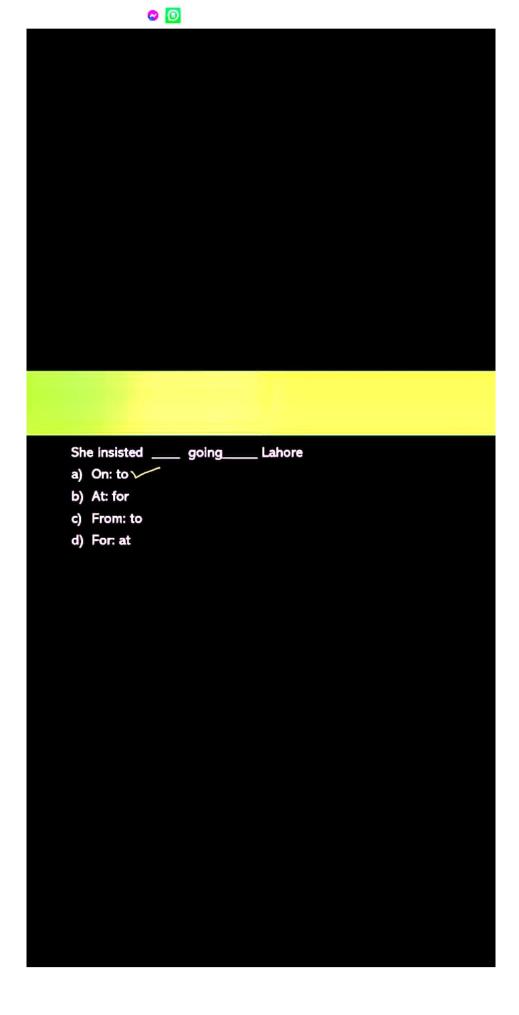


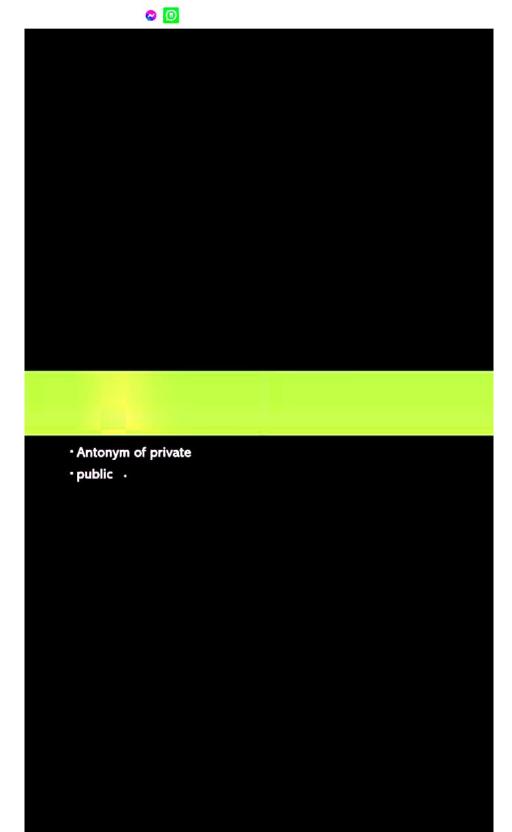


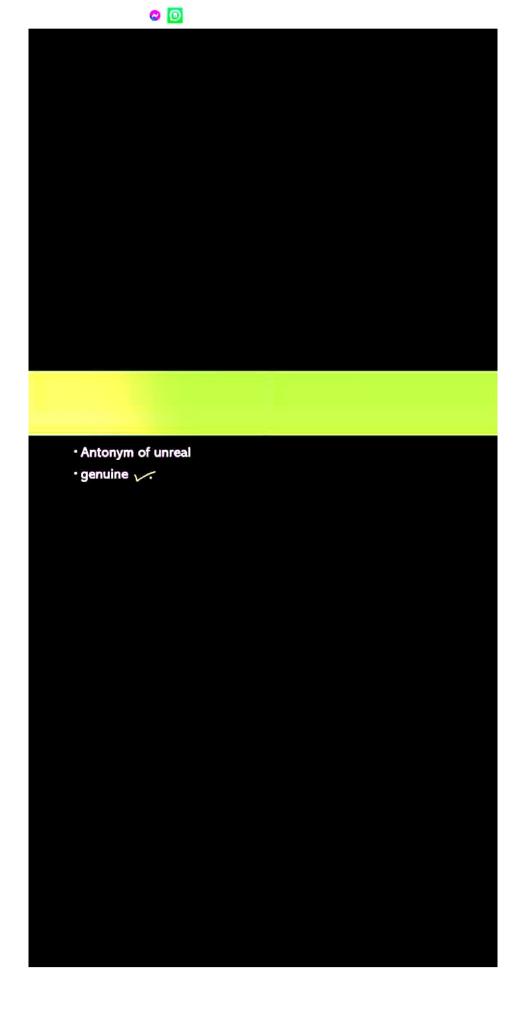
· This photograph \_\_\_\_ taken a long time ago

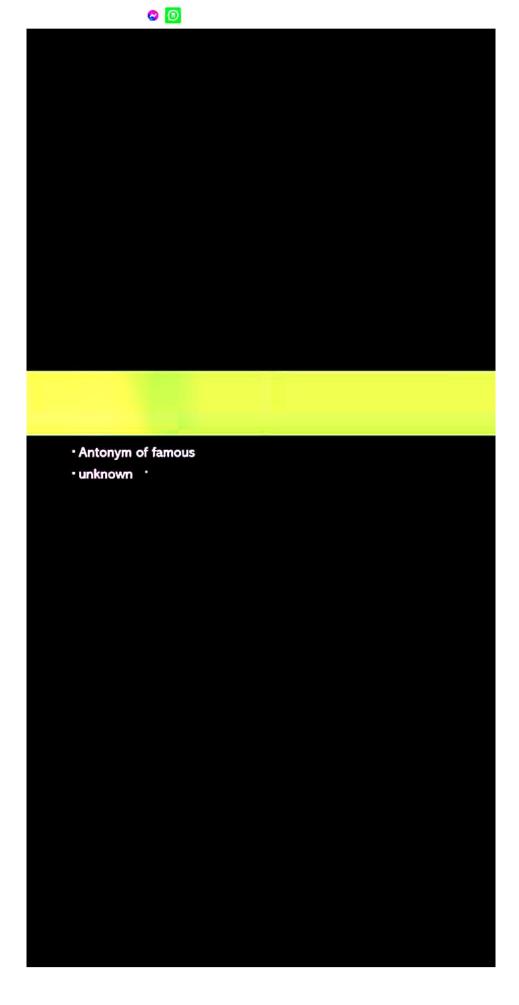
• A) is

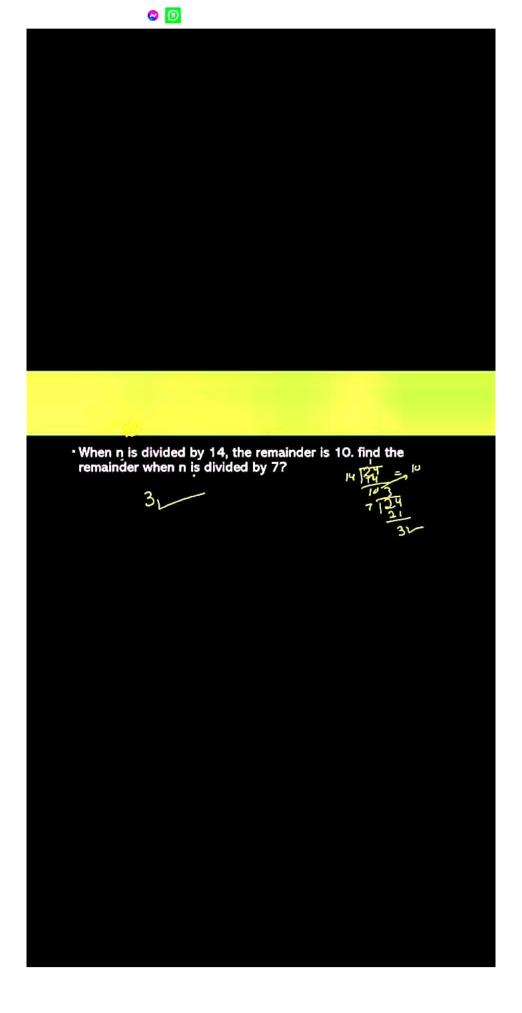
•B) was ✓ •C) are × •D) were →











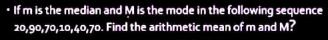
• Ali has thrice money as Ahmed. Ali gives Ahmed Rs.50 and now Ahmed has thrice money as Ali. Find the total amount that both have?

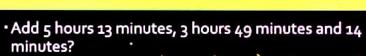
Ali money = x , Almed money = y

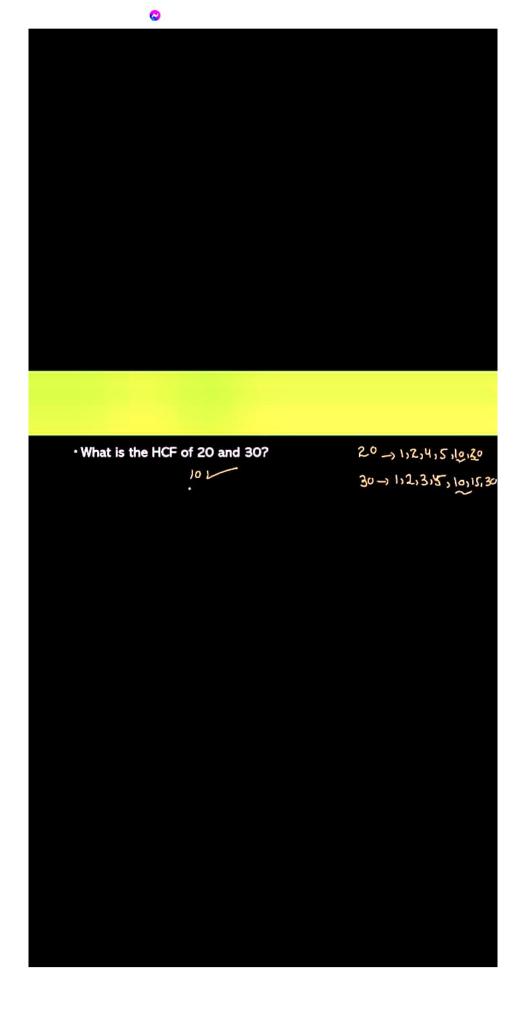
3(34) = 4+200 = 42 = 4+200 . (1)
3x-150 = 4+50 = 3x = 4+200 . (1)
3(34) = 4+200 = 42 = 4+200

· From 2002 to 2003, the book sale decreased by 80 %. Now in 2004, the book sale is same as 2002. Find the percentage increase from 2003 to 2004 —> 400  $\rho$ 

$$\frac{(2004 - 2003) \times 10}{2003} \times 10}{2003} = \frac{89}{20} \times 100}{200} = 40090$$









• Find the value of m if 23m=69

$$\frac{23m}{23} = \frac{69}{23}$$

$$m = \frac{69}{23} = \frac{3}{1} = 3$$



## • Find value of 2x+5 if 7x=3x+12

$$7x = 3x + 12$$
  
 $7x - 3x = 12$   
 $4x = (2 \Rightarrow x = \frac{12}{4} = 3)$   
 $x = 3$   
 $2(3) + 5 = 6 + 5 = 11$ 



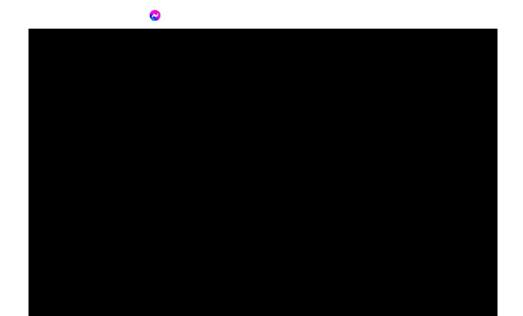
## • If x=-2 find $2x^2-2x$

$$2(-2)^{2} - 2(-2)$$

$$= 2(4) + 4$$

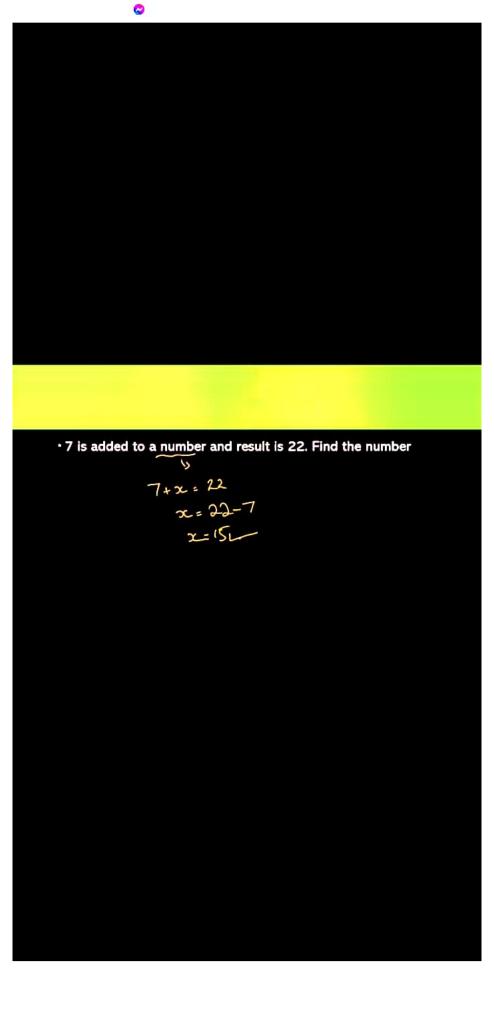
$$= 8 + 4$$

$$= 12$$





• Simplify: -6-(-2) 
$$- \times - = + \cup -6 - (-1)$$
  $- \times - = + \cup -6 - (-1)$   $- \times + = -1$   $+ \times + = +1$   $= -4 \times + = +1$ 





• A square has a side 4cm. Find the perimeter



• Find x if 12:x :: x:3

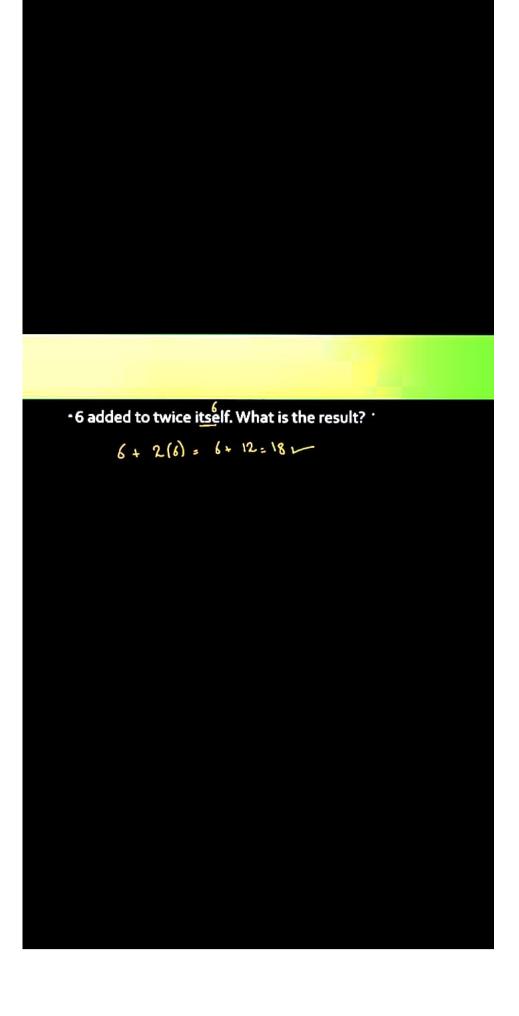
$$\frac{12}{x} = \frac{3}{3}$$

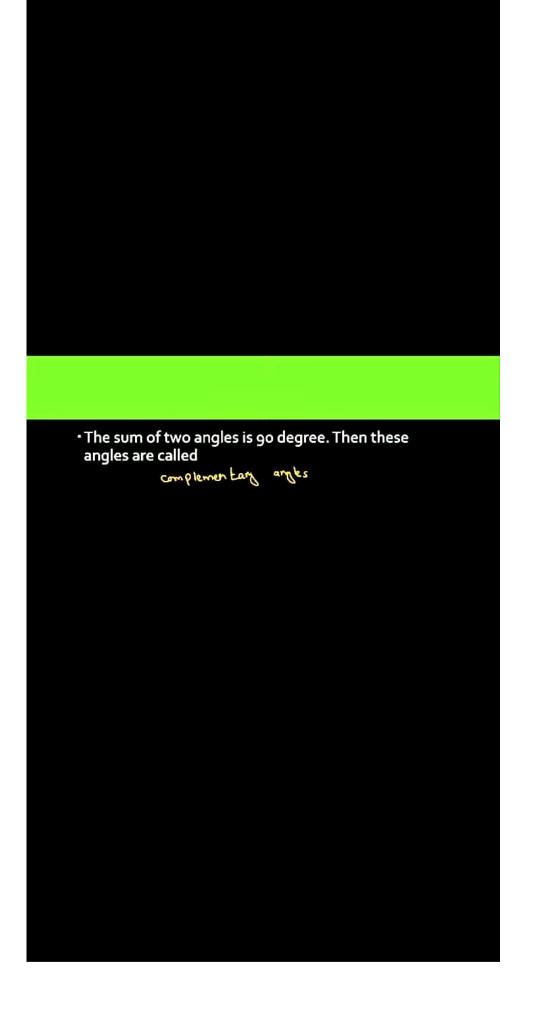
$$x^2 = (2x^3)$$

$$x^2 = 36$$

$$x = \pm 6$$

$$x = 6$$





•If x+1/x = 10 find x<sup>2</sup>+1/x<sup>2</sup> 
$$a=x$$
,  $b=\frac{1}{2}$ 

$$x+\frac{1}{2}=10$$

$$(x+\frac{1}{2})^{2}=100$$

$$x^{2}+\frac{1}{2}+2(x)(\frac{1}{2})=100$$

$$x^{2}+\frac{1}{2}+2=100=0$$

$$x^{2}+\frac{1}{2}+2=100=0$$

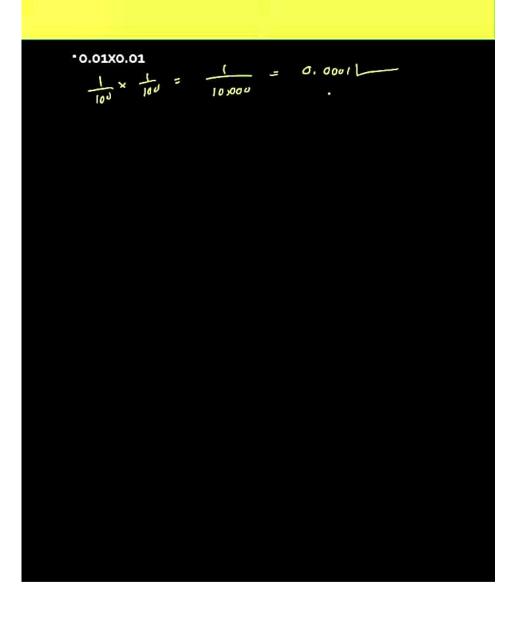
$$=98$$

•The cost of 5 chairs is Rs.2000. Find the cost of 12 chairs?

• When 9 is added to twice a number, the sum is 39. Find the number

9 + 22 = 39 22 = 39 -9 22 = 30 2 = 15L





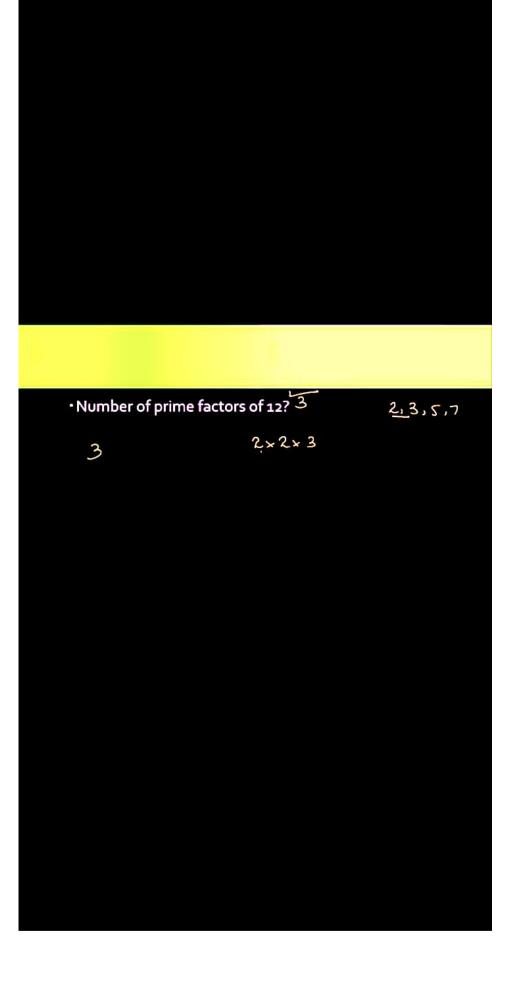


• If axbxc=72 and a>b>c>1 and are integers. What is the greatest possible value of a?

 In a jar 1/2 of marbles are red, ¼ are white and 1/5 are blue. What fraction of marbles are neither red, white nor blue?

No. of marbles that are either red, while croke =  $\frac{1.5}{4.5} + \frac{1.9}{5.4} + \frac{1.10}{2.10}$ =  $\frac{5+4+10}{20} = \frac{19}{20}$ 

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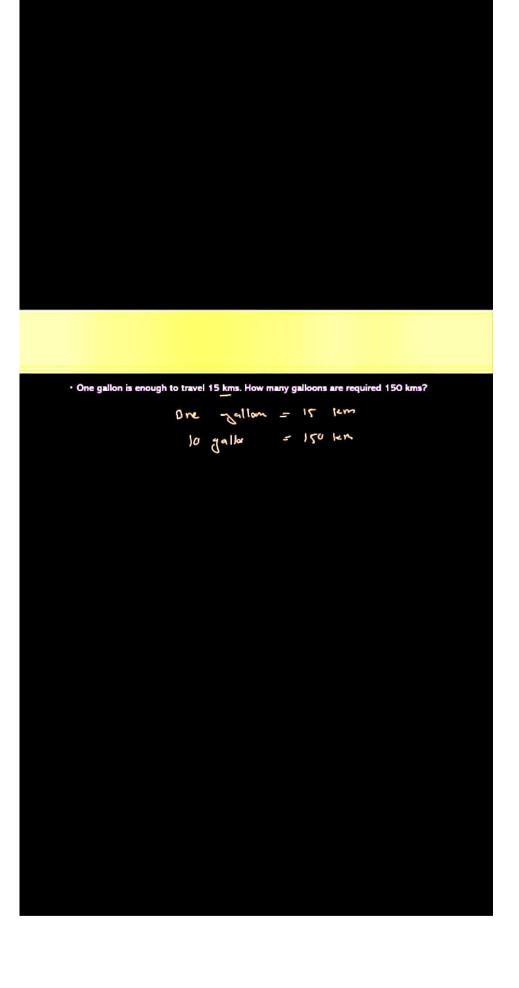


## · Simplify (12s³)² 5 (1253)2 53 × 52 - 25 = (12)2 (53)2 (53)2

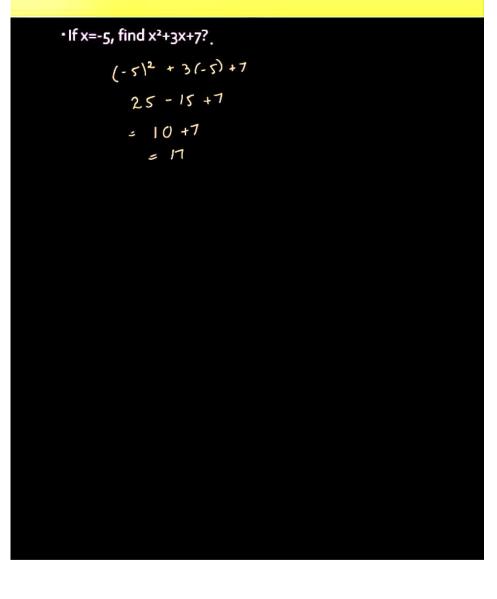
= 144 512

= \$ s6

## · Simplify (12s³)² 5 (1253)2 = (12)2 (53)2 = 144 512



Sweets are 4 for Rs. 0.80 and biscuits are 3 for Rs 1.05. What is Kiran's change for Rs. 5.00 if she buys 8 sweets and 6 biscuits?



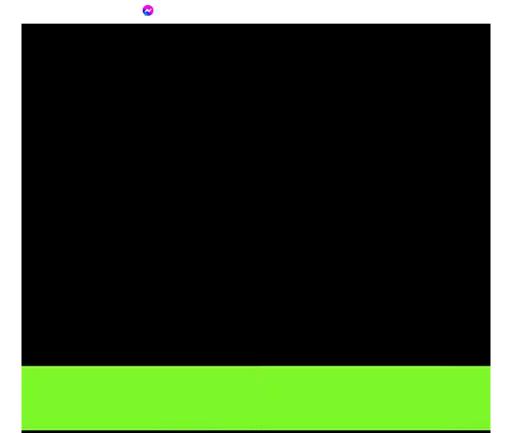
• Which number when multiplied by itself equals one less than half century? •	
ax a = 49	
a2 = 49	
a = 7	



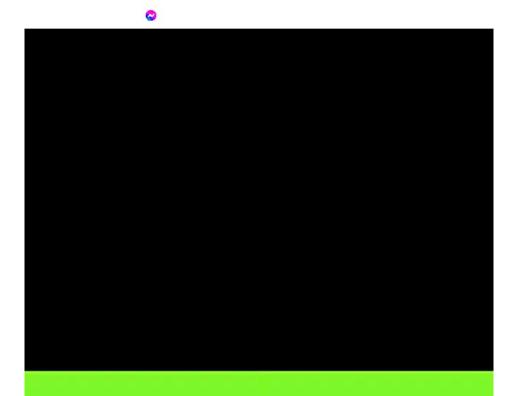
•Find the average of 15,14,13,12 and 6?/--

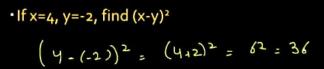
$$Av = \frac{15 + 14 + 13 + 12 + 6}{5}$$

$$= \frac{60}{5} = 12$$



$$\frac{225}{300} = \frac{45}{60} = \frac{9}{12} = \frac{3}{4}$$





• A mother is 3 times the age of her son, and sum of their ages is 28. Find the age of the son?

$$M = 35$$
 $M + S = 28$ 
 $3S + S = 28$ 
 $4S = 28$ 
 $S = 7$  years

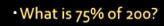


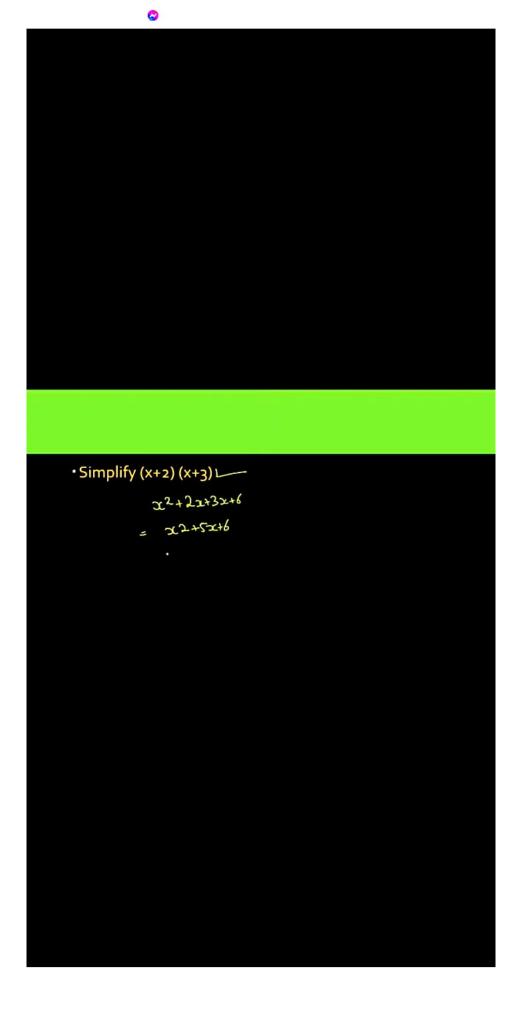
•In how many ways, 6 books can be arranged in a shelf?



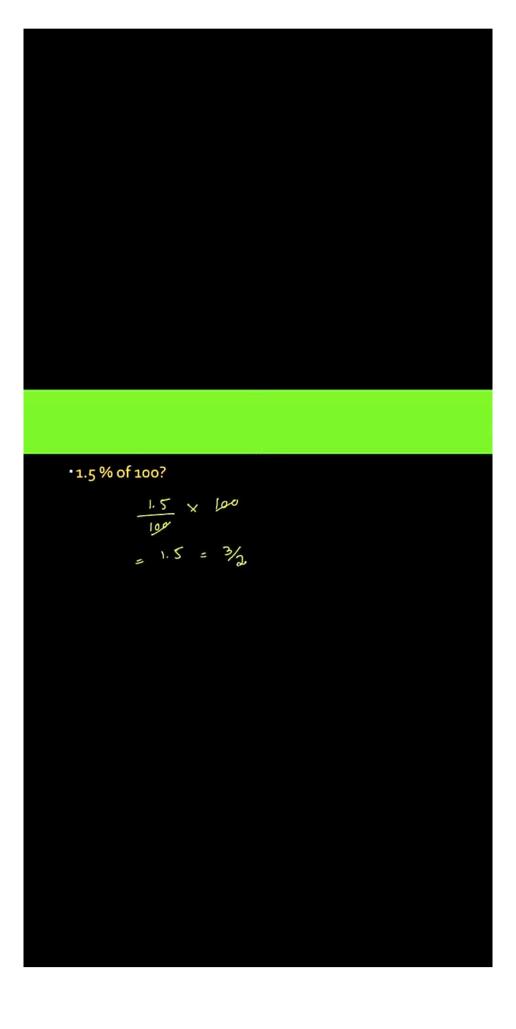
• If 2p+5=20, find 2p-5?

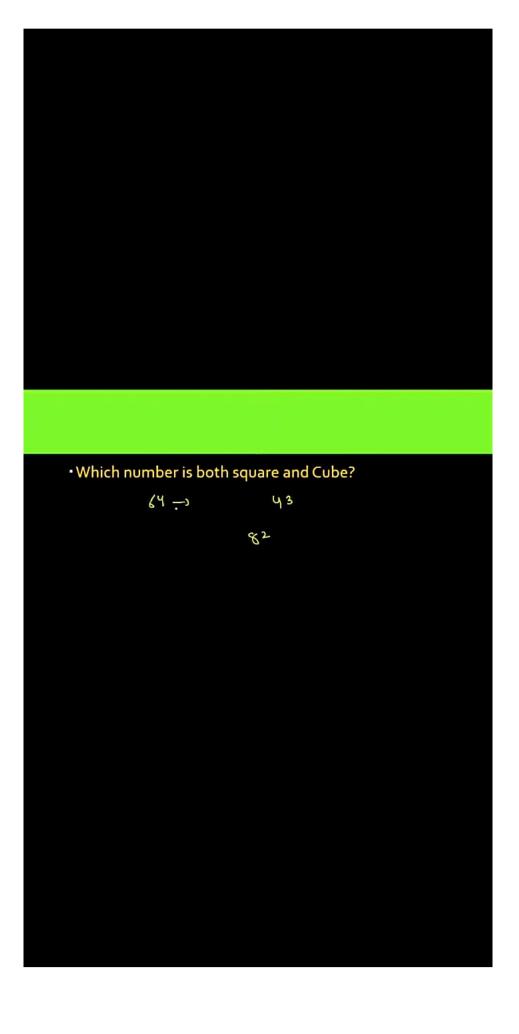




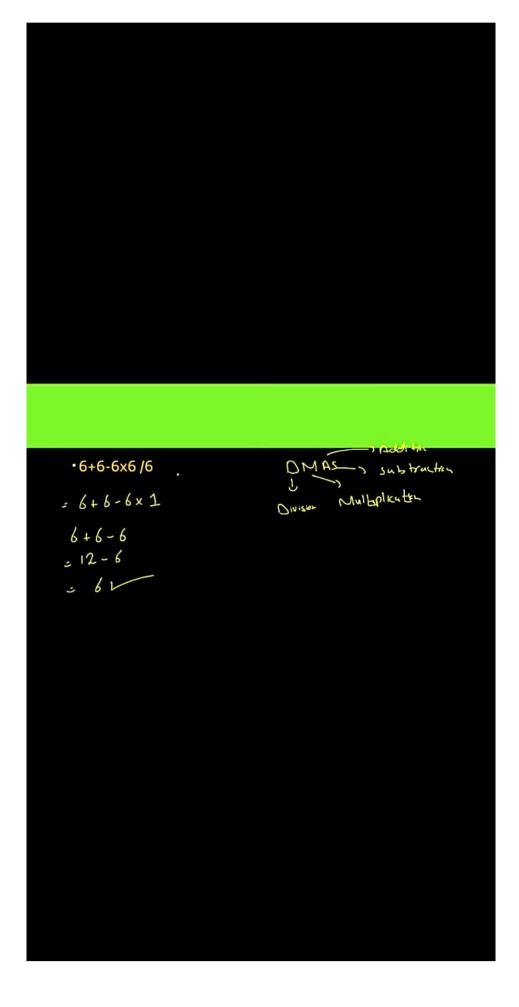












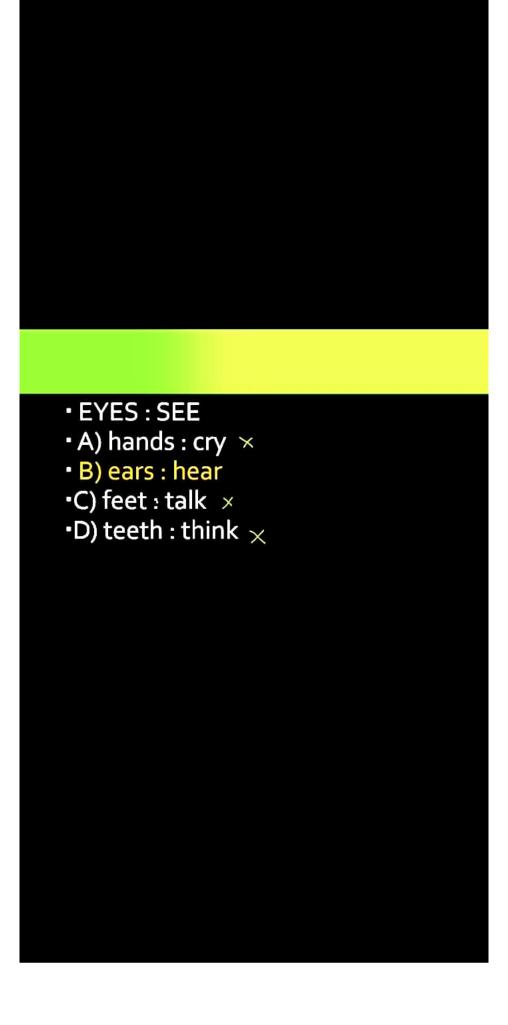
• If 12 books cost 264 rupees. How much will 9 book cost?

12 books = 
$$264$$
 rupees =  $22$  rupeer q books =  $9 \times 22 = 198$  ru.

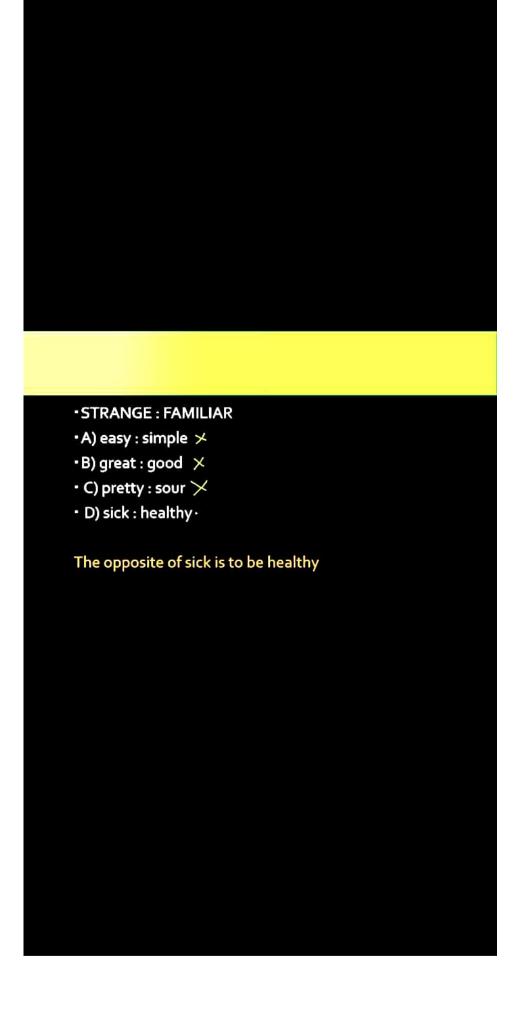
2. • Convert 13.5% to fraction form?  $\frac{13.5}{100} = \frac{13.5}{100} \times \frac{10}{10}$  $=\frac{135}{1000}=\frac{27}{200}$ 

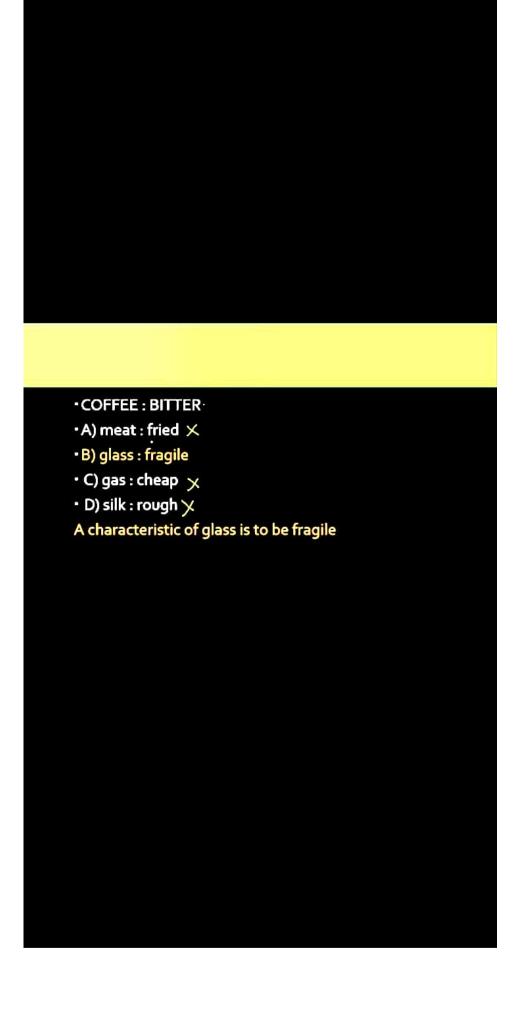


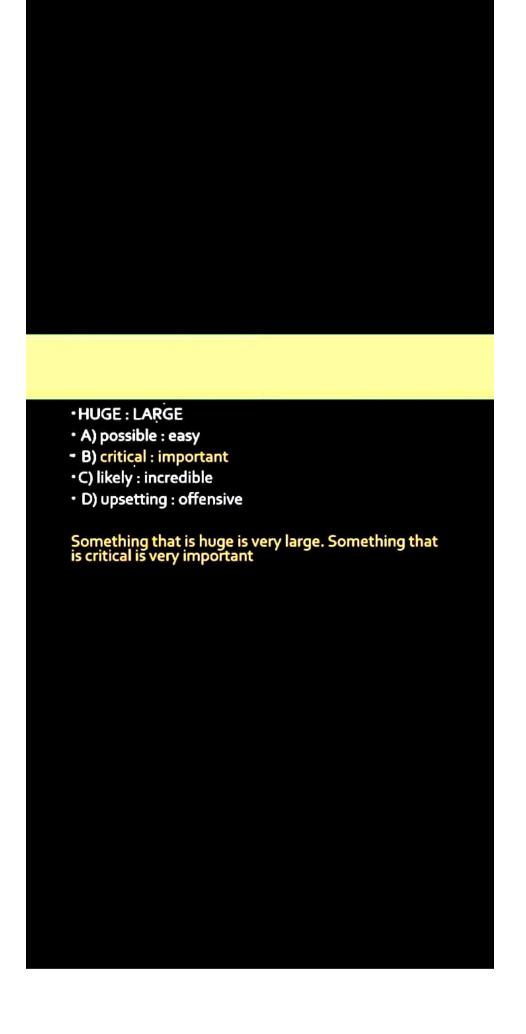




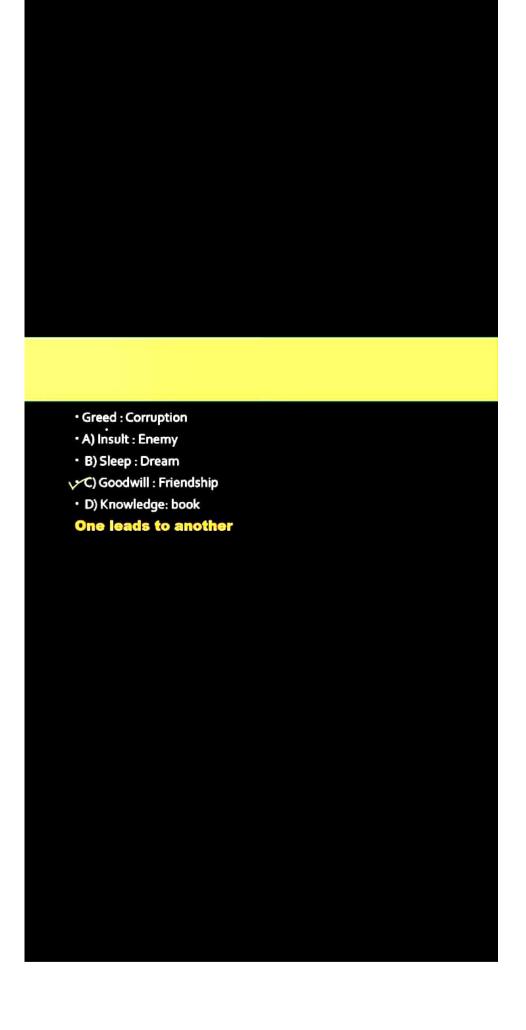
· MECHANIC : CARS • A) dentist : teeth • B) doctor : children ·C) chef : vegetables ·D) playwright : theaters A mechanic works on people's cars. A dentist works on people's teeth

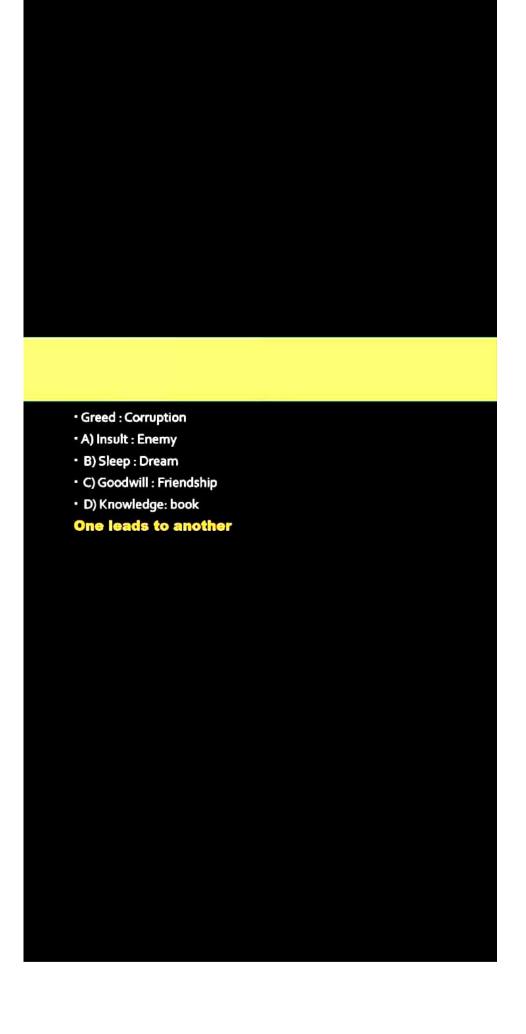


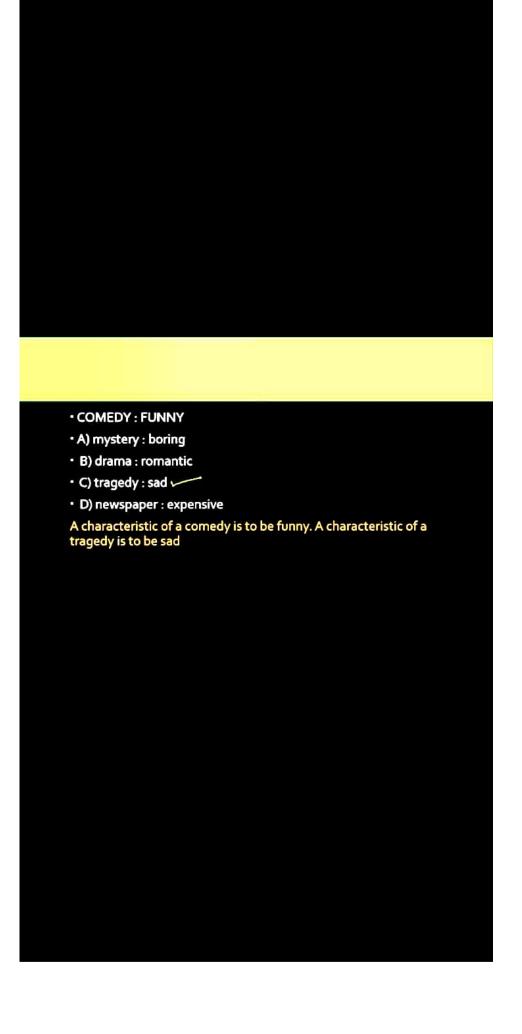


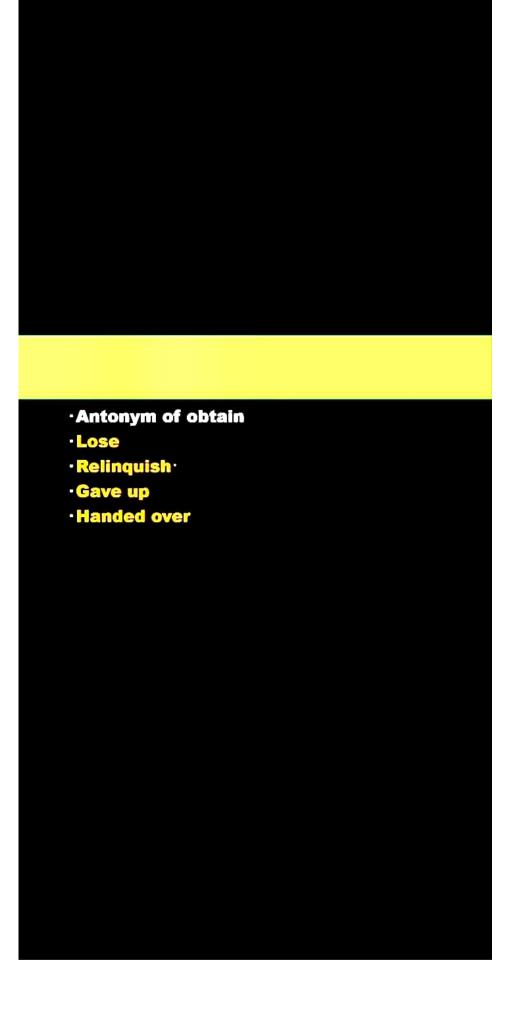






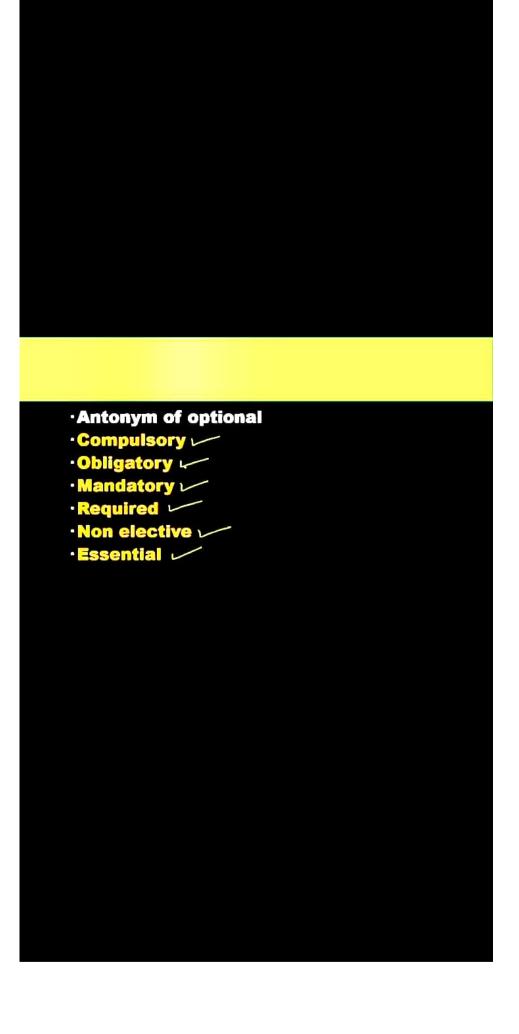


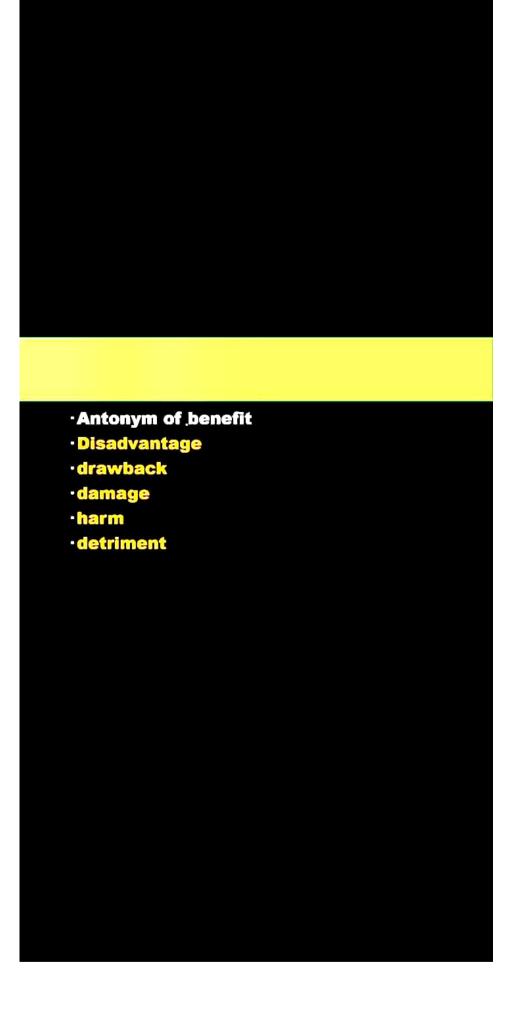


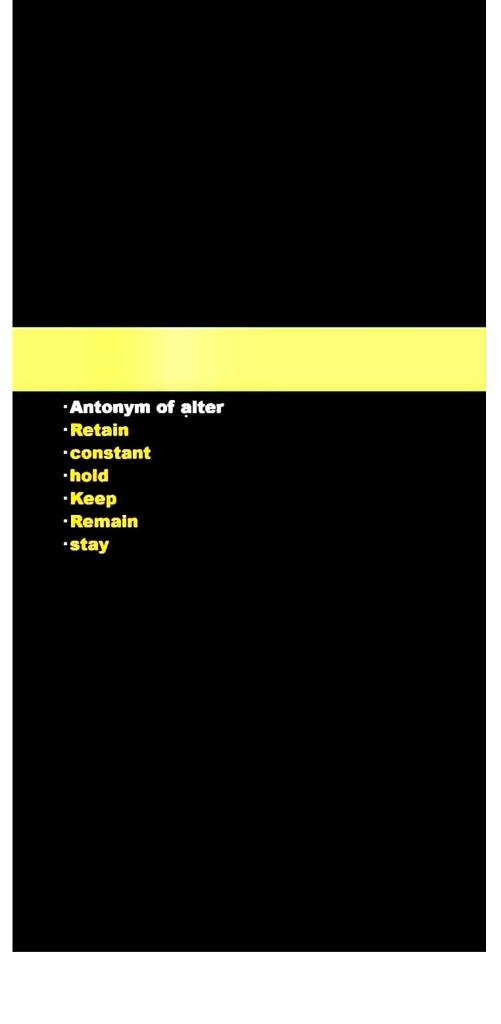


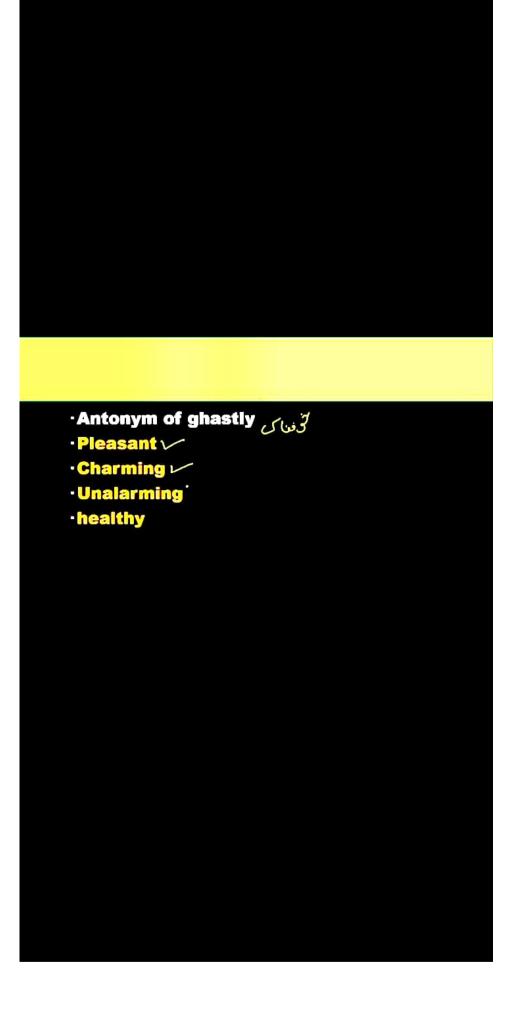
·Antonym of official
·Unofficial
· Un-authorized
·Informal ·
· Casual · Unreliable ·
Onreliable

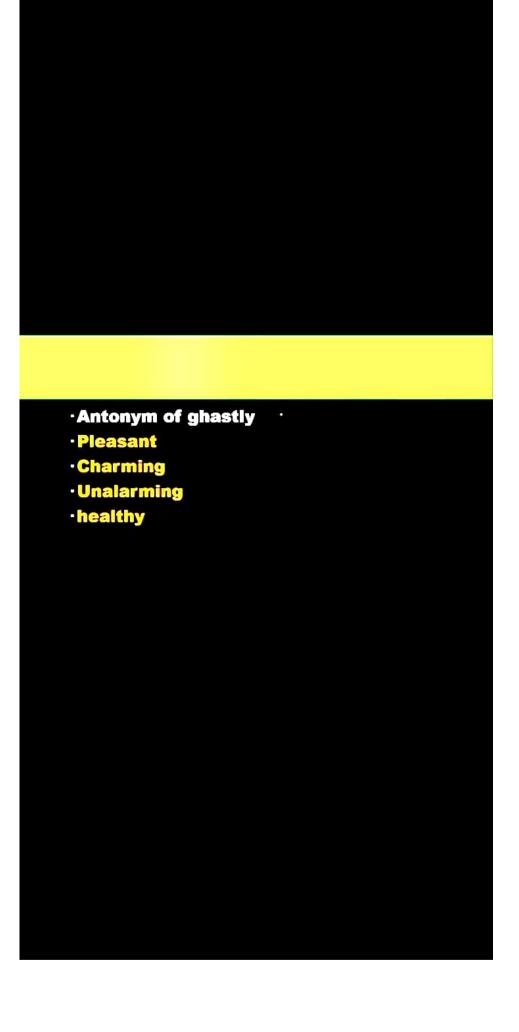


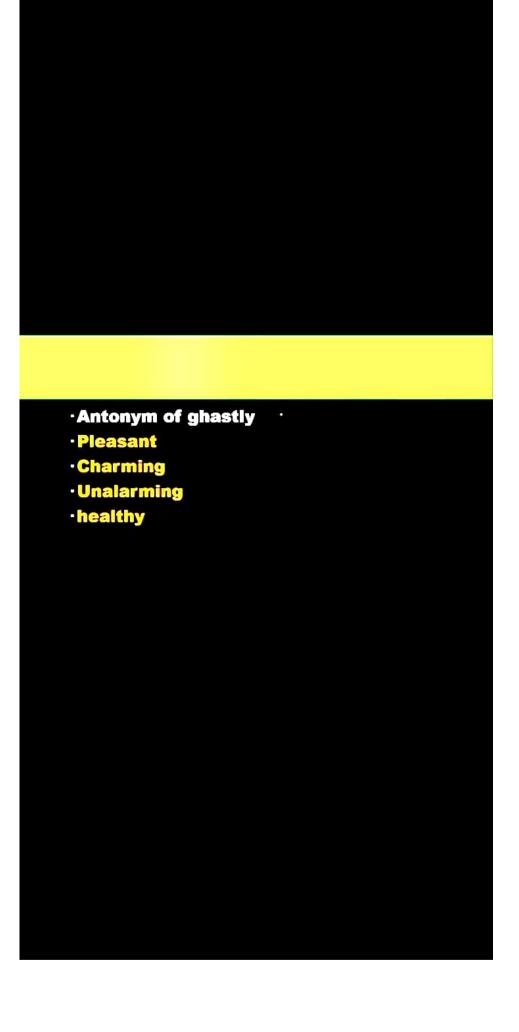


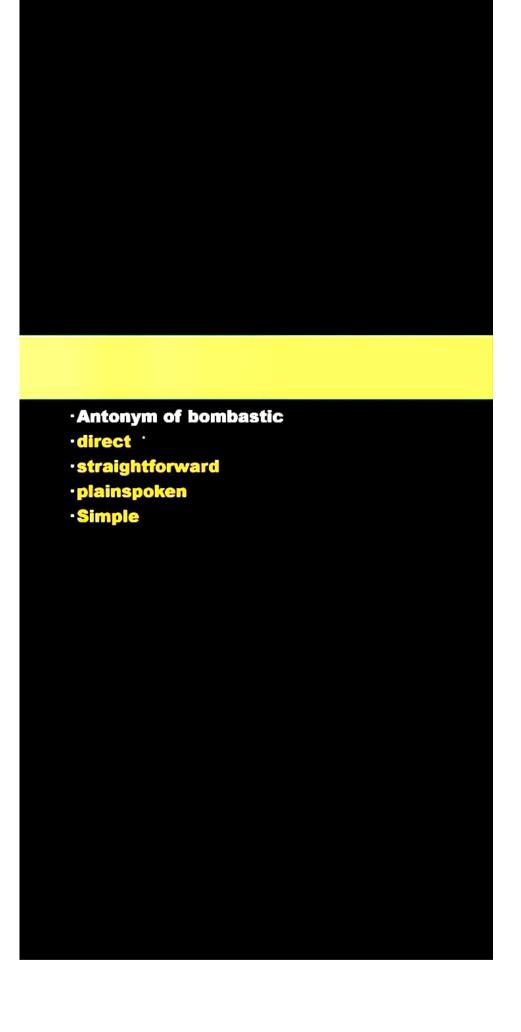


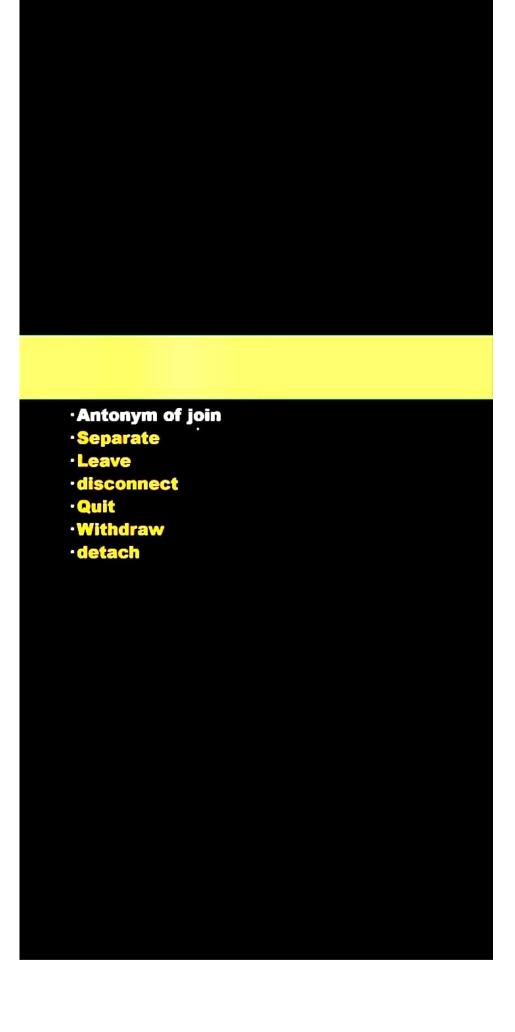












·Analogy of carrot : cabbage ·Fox:den ·Lion: hole ·Water: sip ·Tea : coffee

