2-12 Math Preparity for ACT 2015-2016 c2 = 02+62 - 205 cus (142= 182+202-2(18)(20)USO Can of wastes 1. Find a and ((opposite side agree prise) 2. Fill in the rest (ensy) = sinc (and of sms obsert work here

$$P = \frac{1}{2} \frac{\alpha ry + \alpha}{(2y)} \Rightarrow \frac{1}{2} \frac{\alpha ry + 2\alpha}{(2y)} = \frac{1}{2} \frac{\alpha$$

And a increases sy a factor of 10
$$(n \Rightarrow 10n)$$

How pay was it thus to do the new task.
 $(ab)^3 = a^3b^3$

$$10^2 = 100x$$

from
$$x = 2$$

$$\frac{1}{x^2} = 2$$

$$\frac{1}{x^2} = 2$$

$$f(g(\frac{1}{x})) \quad g(\frac{x}{x})$$

$$f(g(\%)) = g(\%) = \lambda$$

$$f((\%)) = \lambda - \frac{1}{2} = \frac{3}{2}$$

$$f(1/2) = \lambda = \frac{1}{2} = \lambda$$

$$f(1/2) = \lambda = \frac{1}{2} = \frac{3}{4}$$

$$f(3/2) = \lambda = \frac{1}{2} = \frac{3}{4}$$

$$f(3/2) = \lambda = \frac{1}{2} = \frac{3}{4}$$

$$f(g(1/2)) = 0$$

$$f(y_2) = 0$$

$$\frac{1}{2} = \frac{1.4}{2} = 2$$

$$f(\frac{1}{2}) = 2 = \frac{1}{2} = \frac{1}{2}$$

$$f(g(\frac{1}{2}))$$

Who doing bond free approach, ket smort assures trist

29)
$$(6-(30)^{4}=16-(-9)=25$$
 $(3c+1)^{\frac{3}{2}}$

S3) $A=2(2k 2w)=2(4kw)$

S7) $b=4$ without shift a without the (x+a) (x-a)

 $(3)^{4}=\frac{1}{5}$
 $($

41)

You have 10 balls (ablilled 1-10, How may ways are there to groupe 3? (3,21) 6=3.2.1 $\{0\ 0\ 3\ \frac{\{0\}}{\{(0,3)\}!} = \frac{\{0\ , 9\ , 8\ , 7\ , 6\ , 5\ , 4\ , 8\ , 3\ , 1\}}{\{0\ , 3\}!}$ constantion $n(r = C(n,r) = (n) = "n charge r" = \frac{n!}{r!(n-r)!}$ You have 10 balls (abelled 1-10, How many 81,2,33 ways are there to choose 3?

(1,2,3) (2,13)

(1,3,2) (2,3,1)

(3'1'5)

brundapour NBU = VI

(N-L)!