

The Lecture Is A Democracy



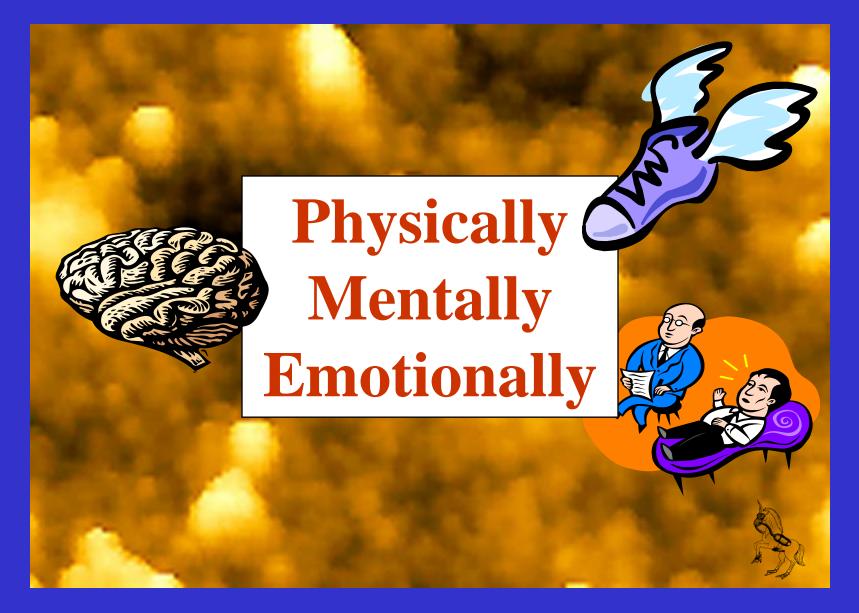
The Water-Work Is A Dictatorship!



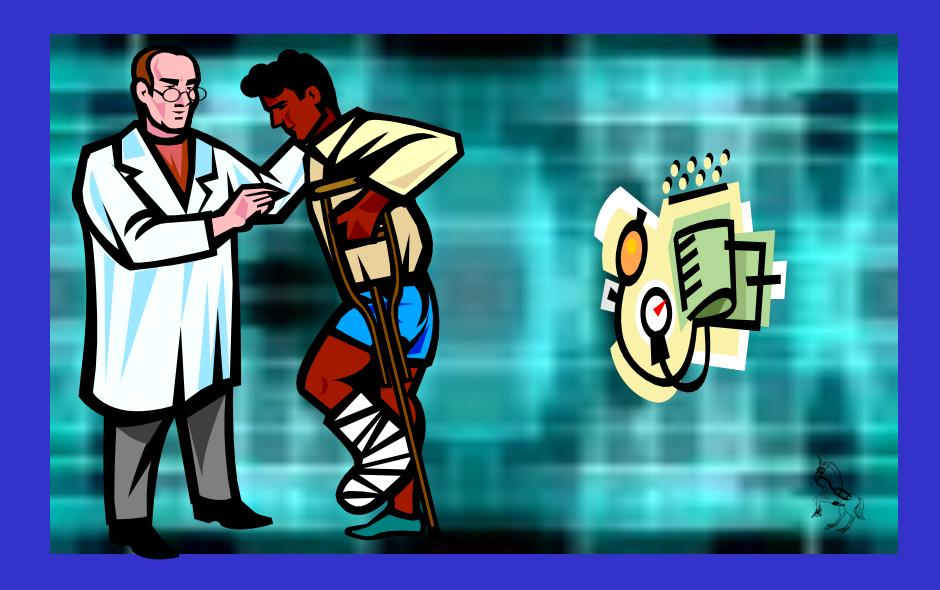




Need To Feel Good



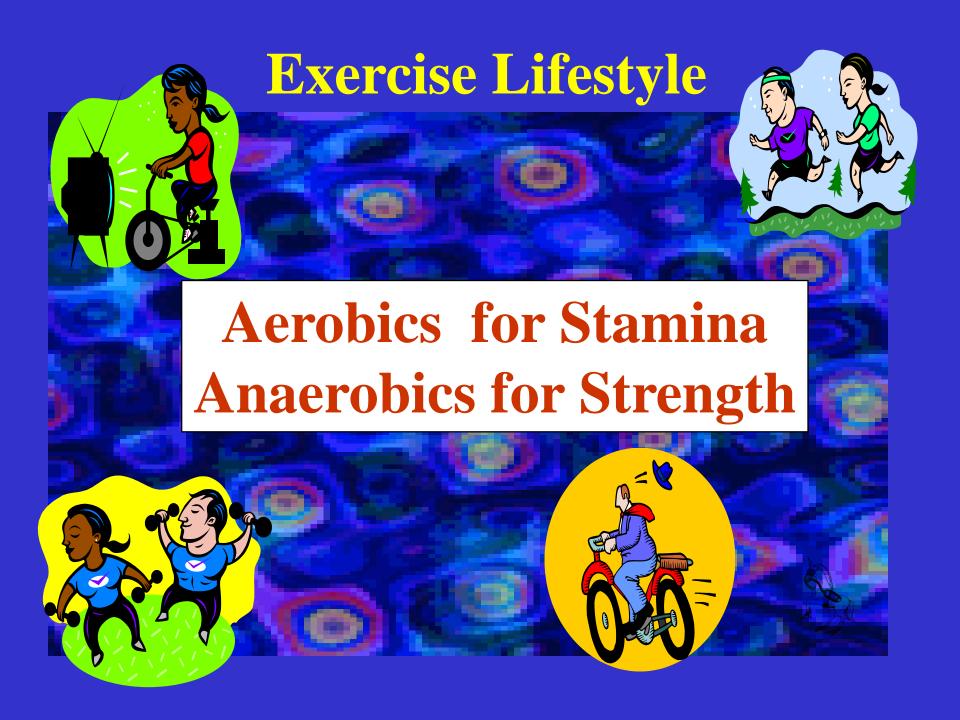
Need Medical Evaluation



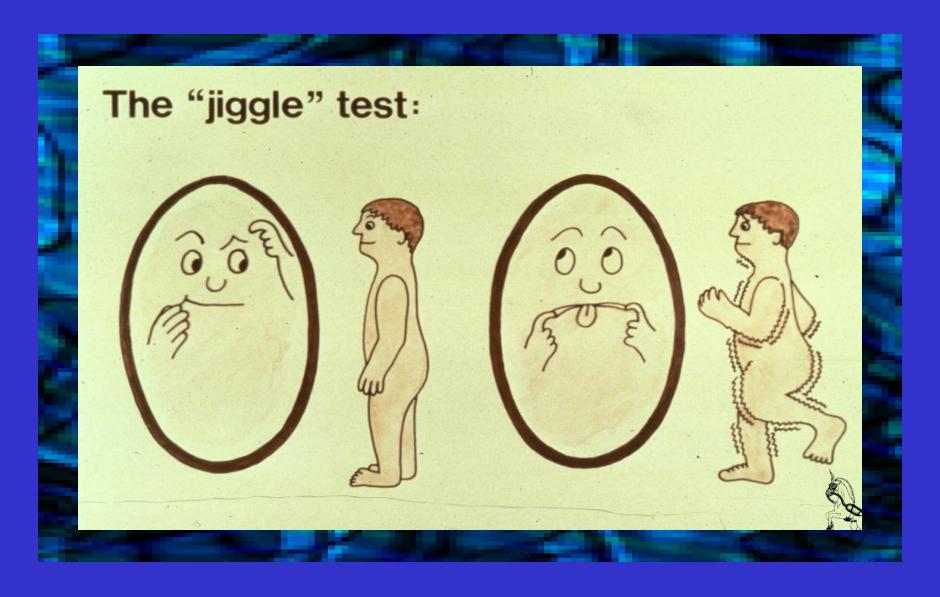
Avoid Bad Pre-Dive Habits







The Jiggle Test



Bottom Line

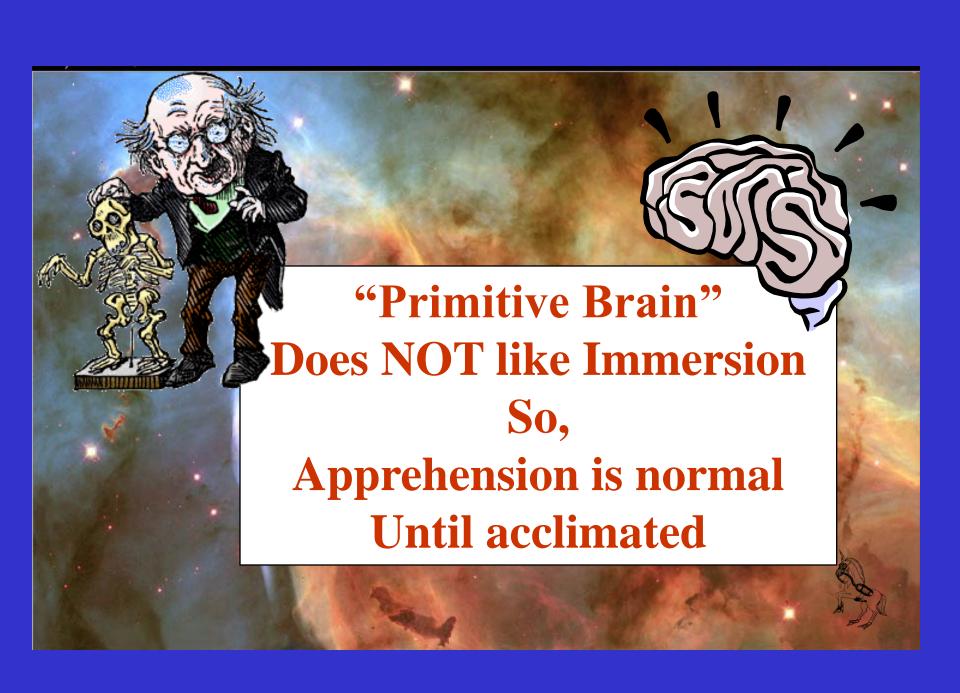


Avoid Diving with:
Alcohol
Drugs
Diseases
Injuries

Emotional Stress







In Michigan Waters
75 % of scuba fatalities
Alone at time of death
But
Only 25% entered alone







Diving With A Fool For A buddy Makes a Pair!

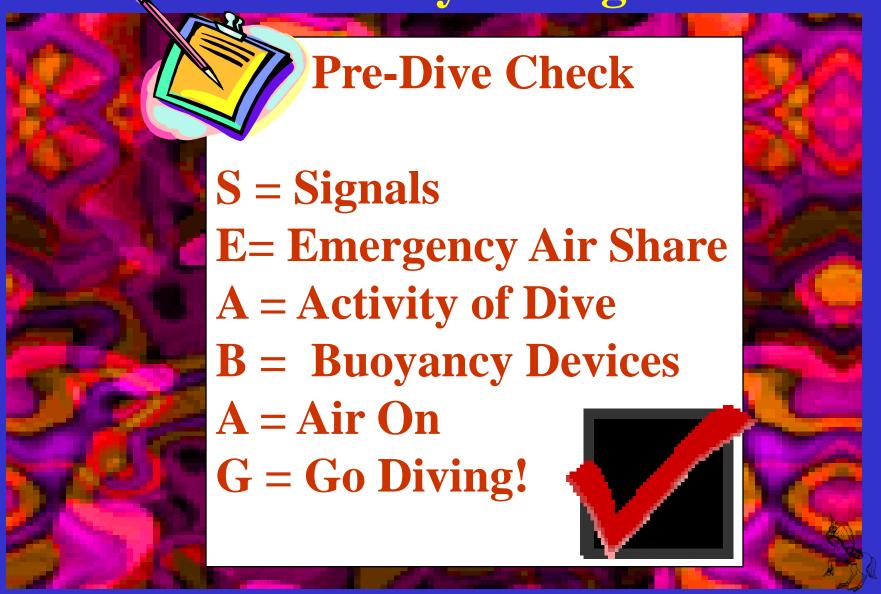
· (Somers)

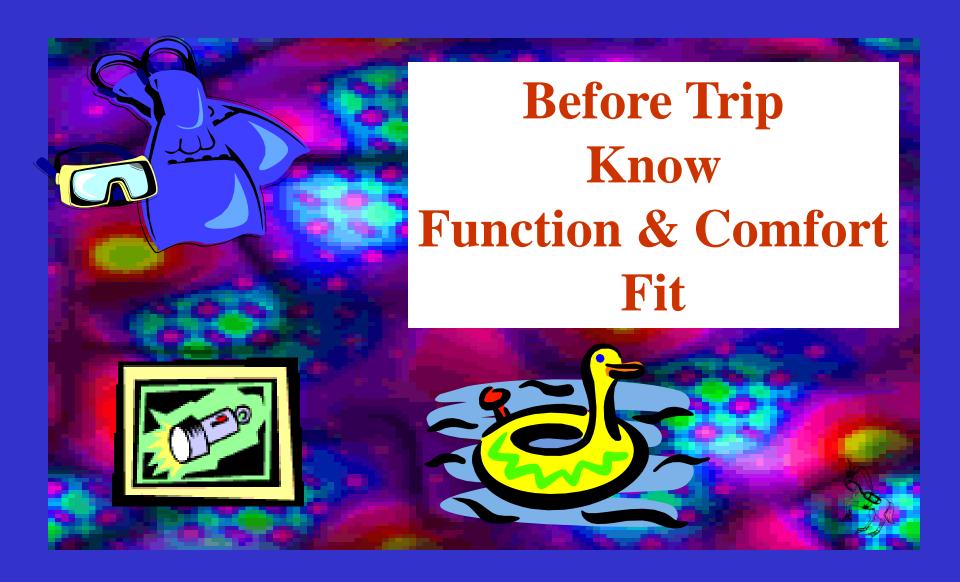














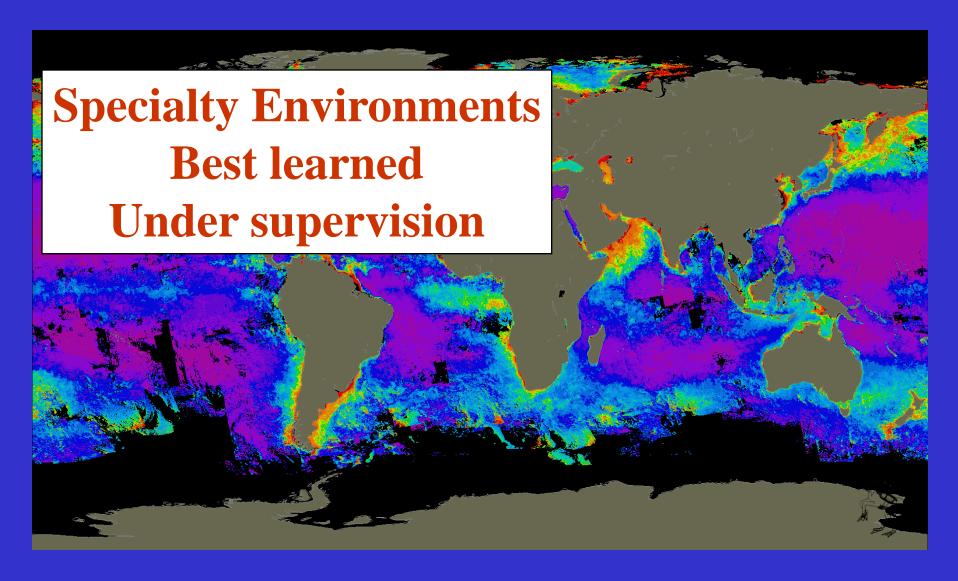




Location



Location



Depth



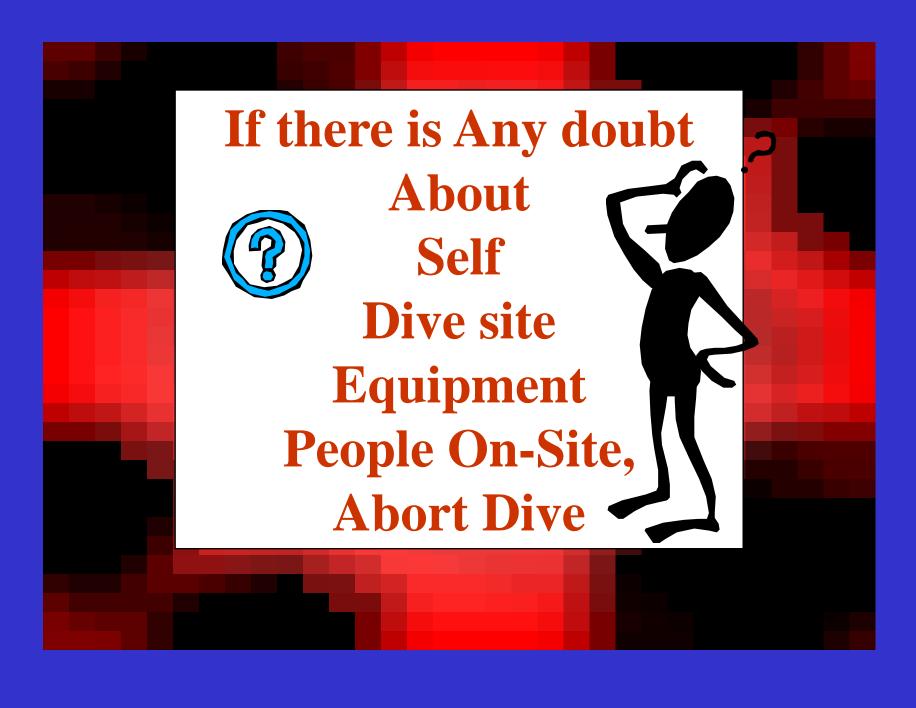
There is No Hurry To go deep!













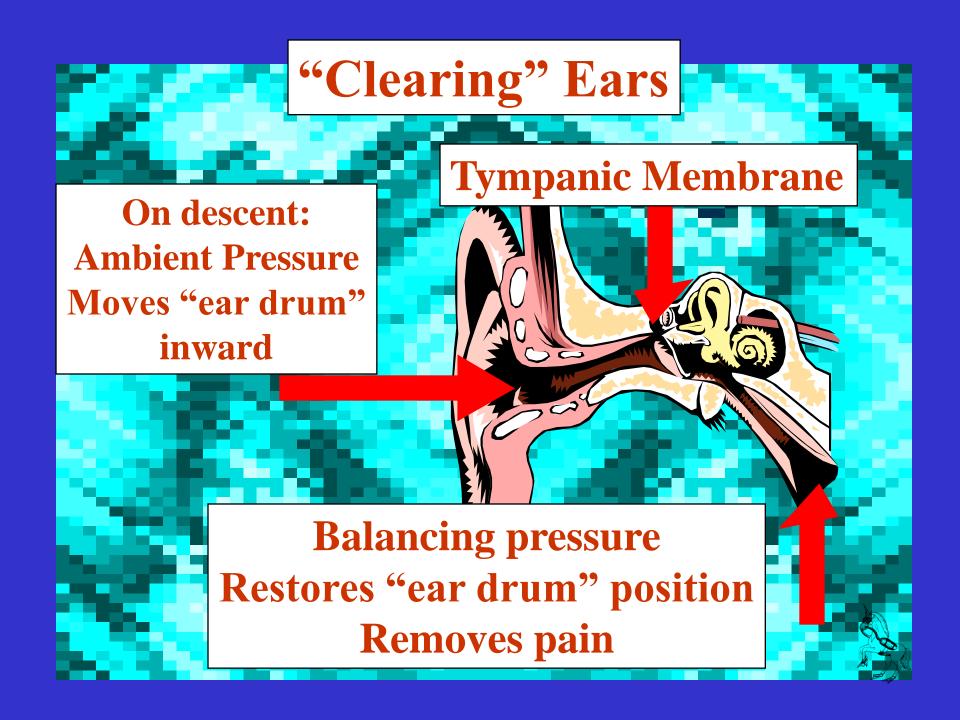
"Can't Clear"



The Decision NOT TO DIVE Is always Correct!







"Clearing" Ears



Valsalva: "Pinch & Blow"

Toynbee: "Pinch & Swallow"

Move Jaw

Tilt Head to Stretch Eustachian Tube Descend Feet First



Frenzel



"Clearing" Ears

Frenzel

Safest & Most Effective Technique

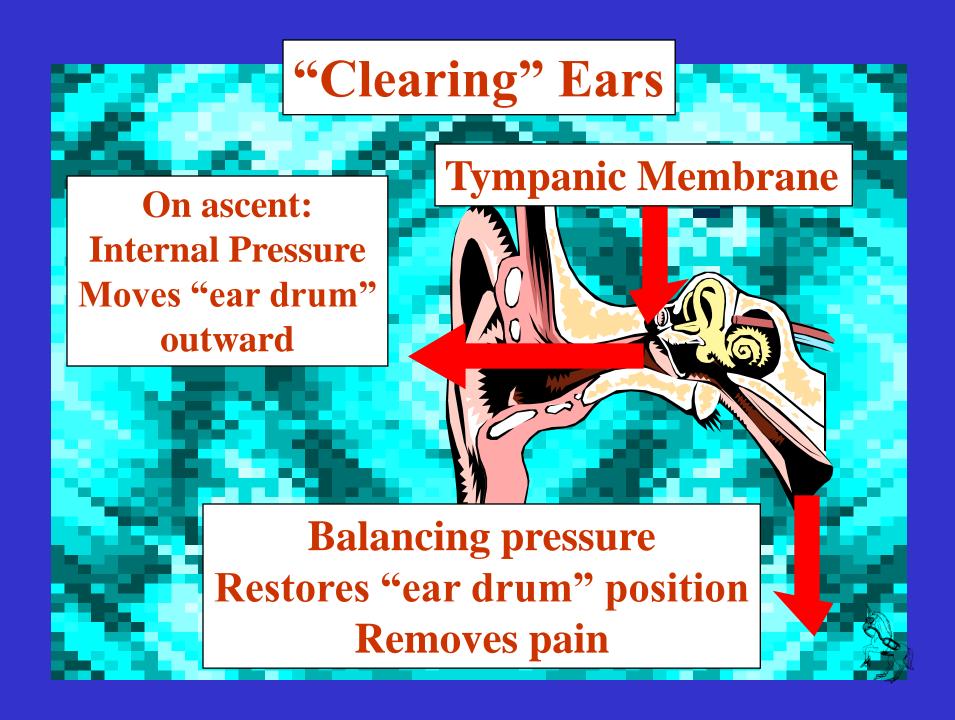
Place tongue on roof of mouth,
Hold it there
Imagine driving back of tongue
Through top of the head

"Clearing" Ears

Techniques:
Clear Before Dive
And
Frequently During Descent

STOP
If pain felt









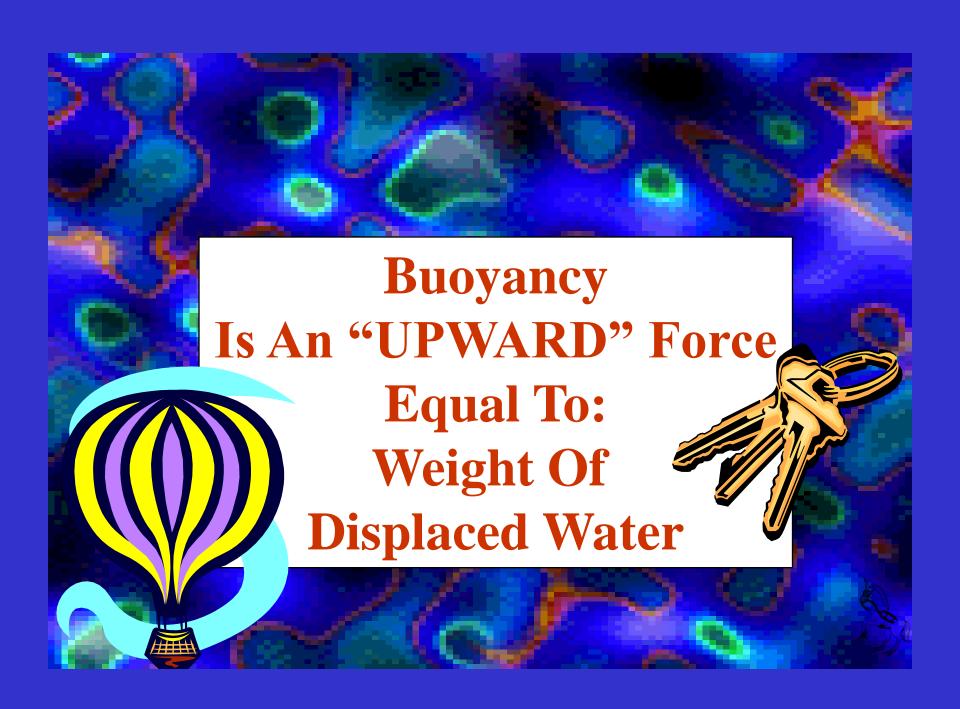




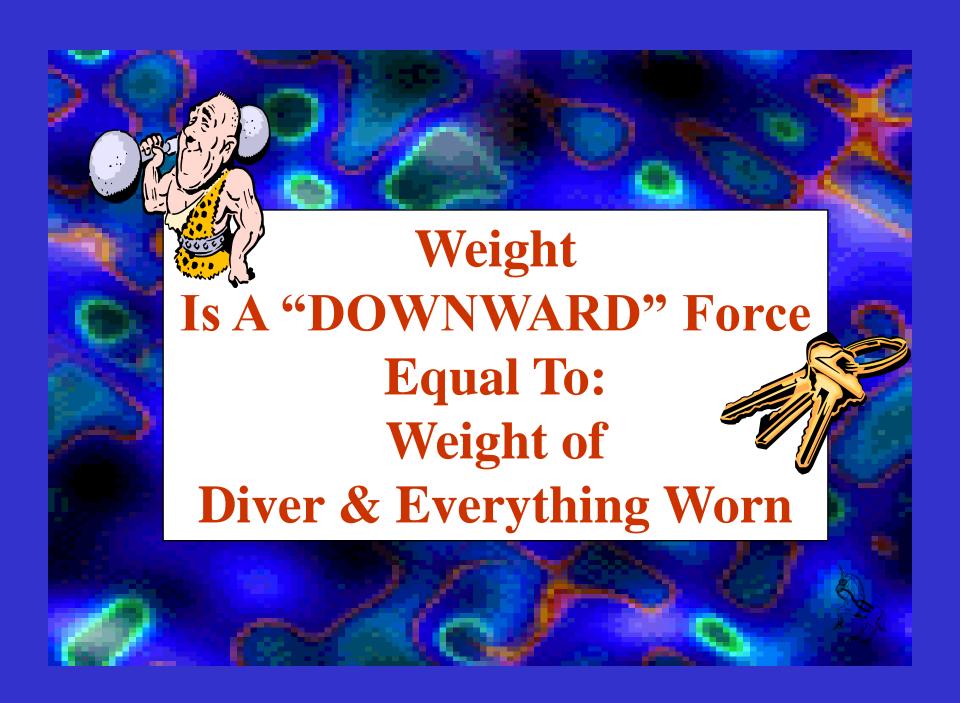


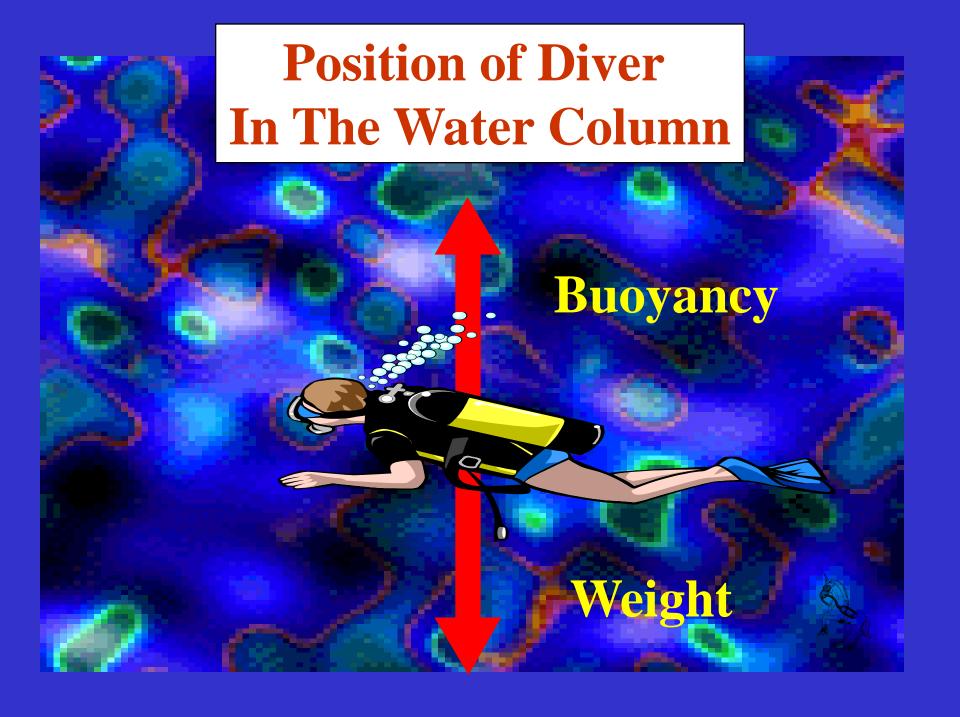


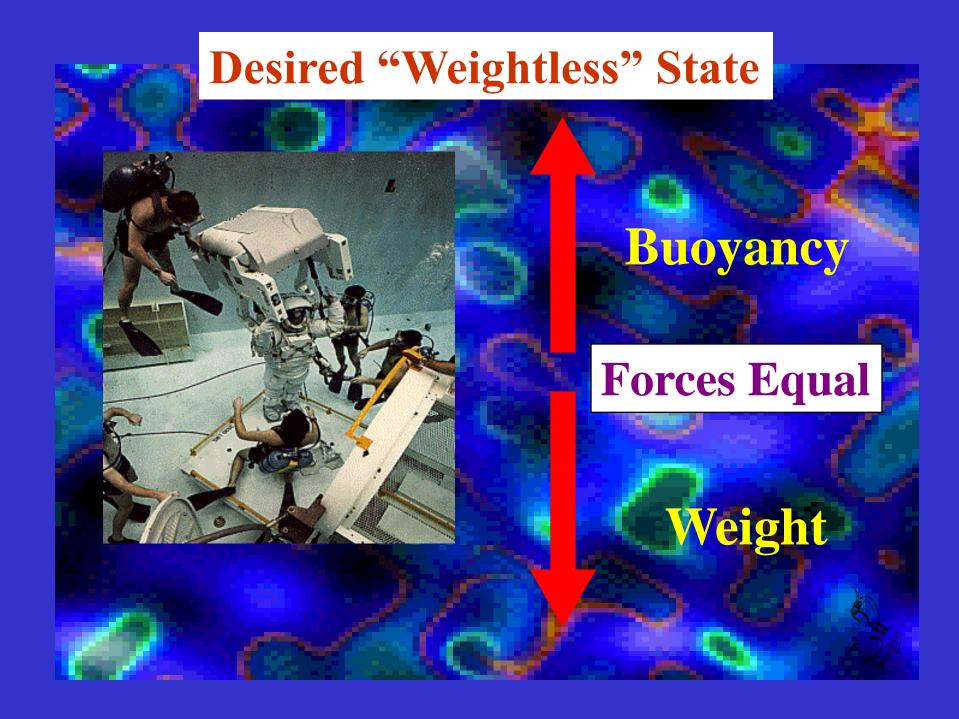






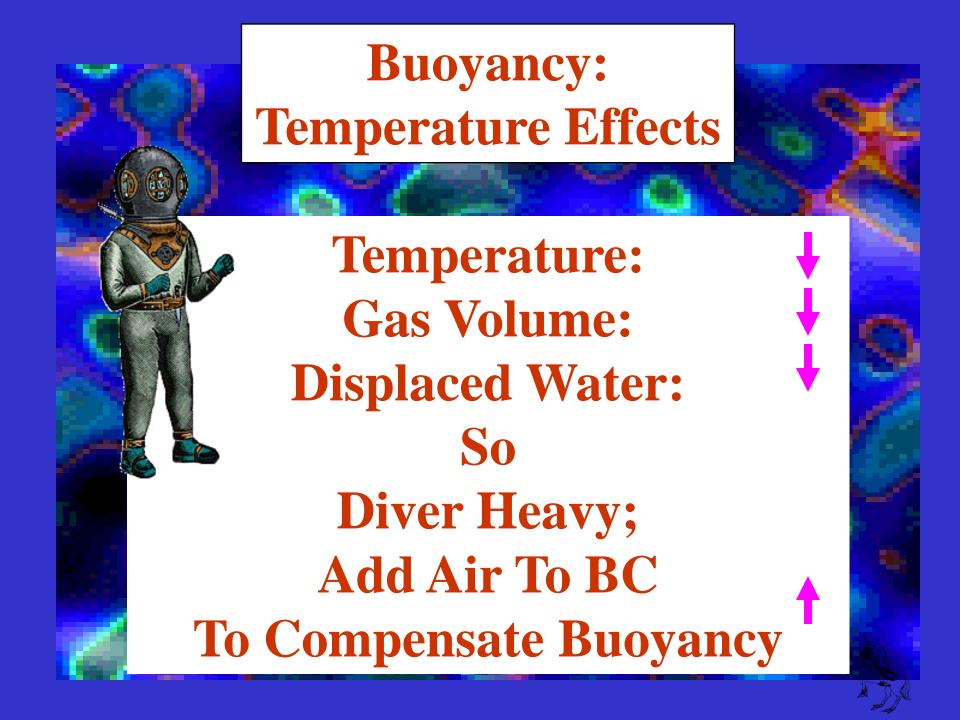


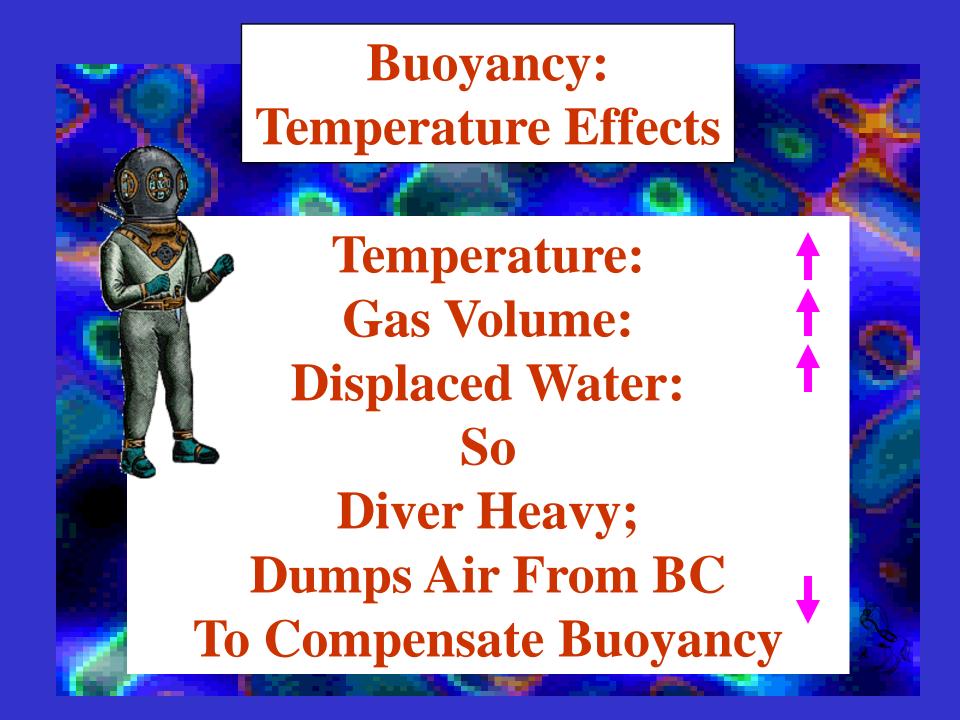


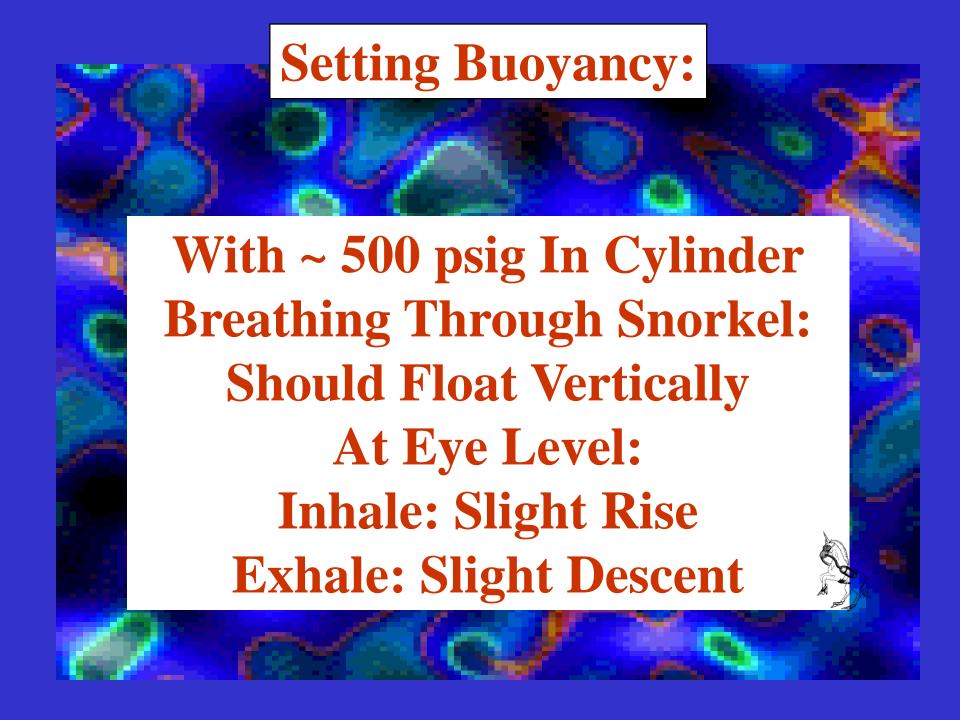




















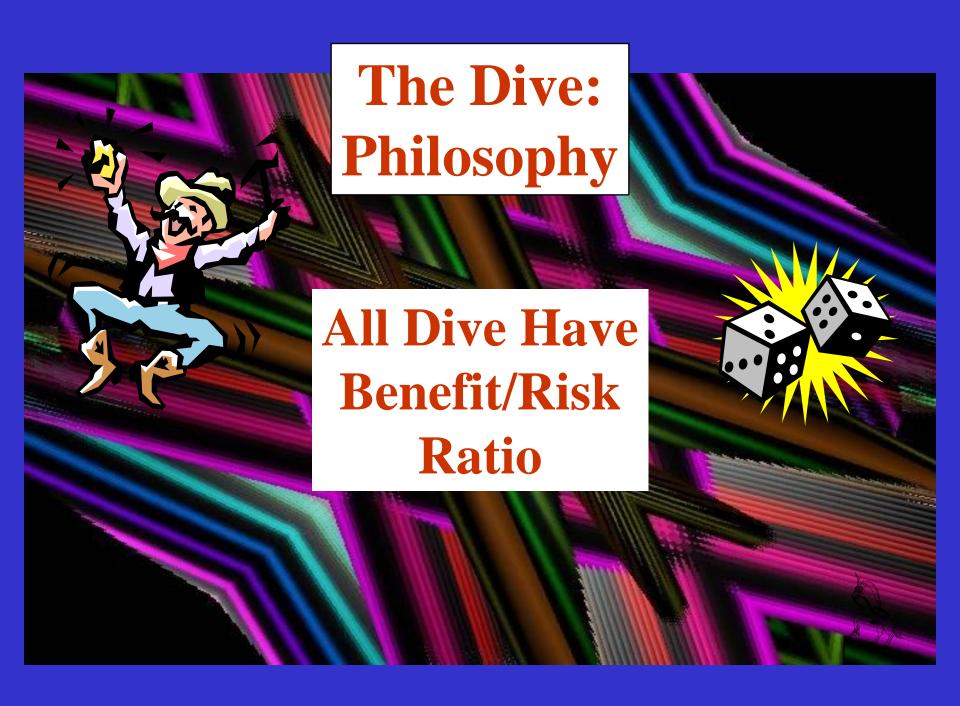
Imagine A STOP Sign!

STOP

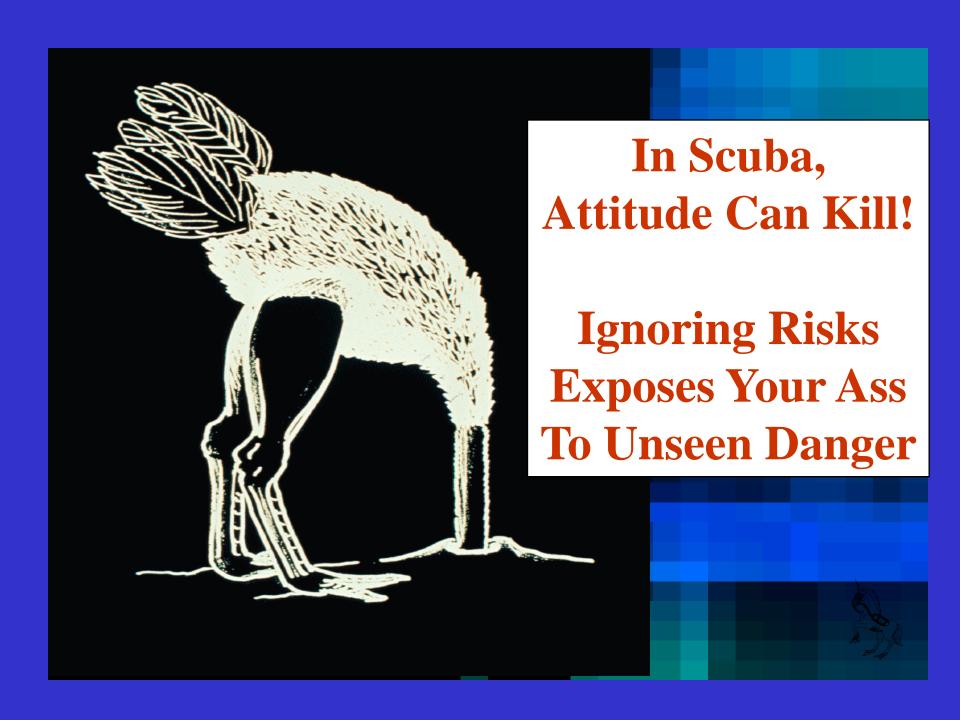


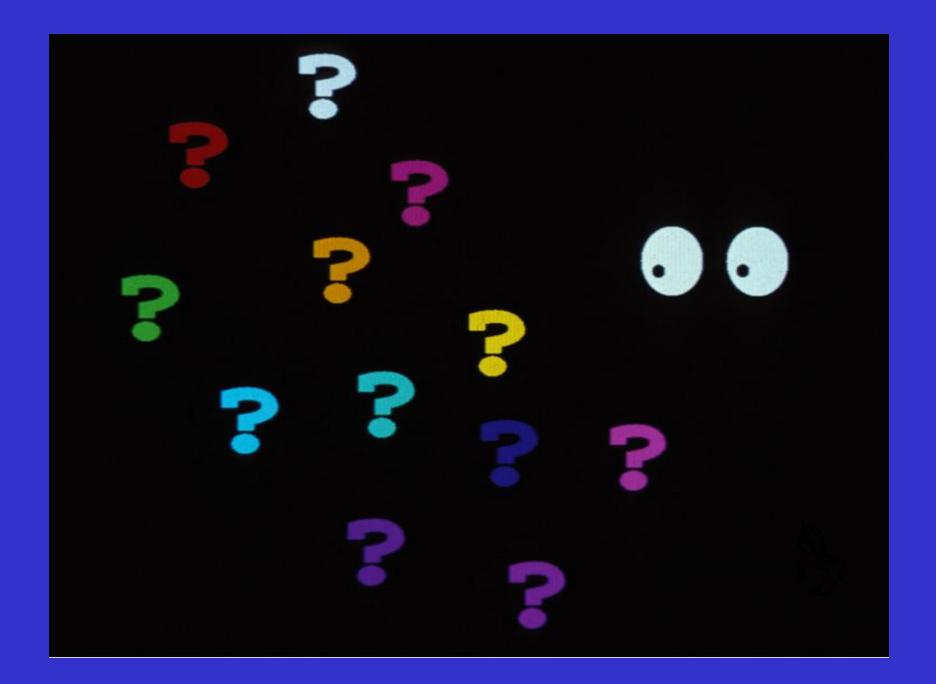










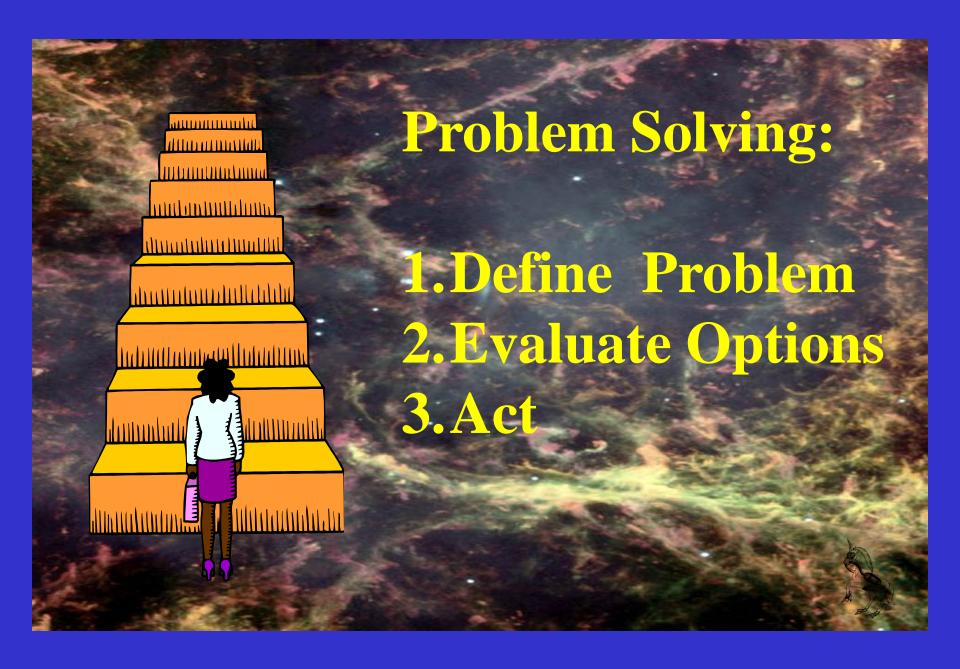














BEST TOOLS
For
Solving Problems

Knowledgeable,
Physically Fit,
Well-trained
Properly Equipped
Divers





BEST TECHNIQUE For Solving Problems

Recognition of situation
BEFORE
It escalates to a real problem



Dive Table Review



NONE can guarantee





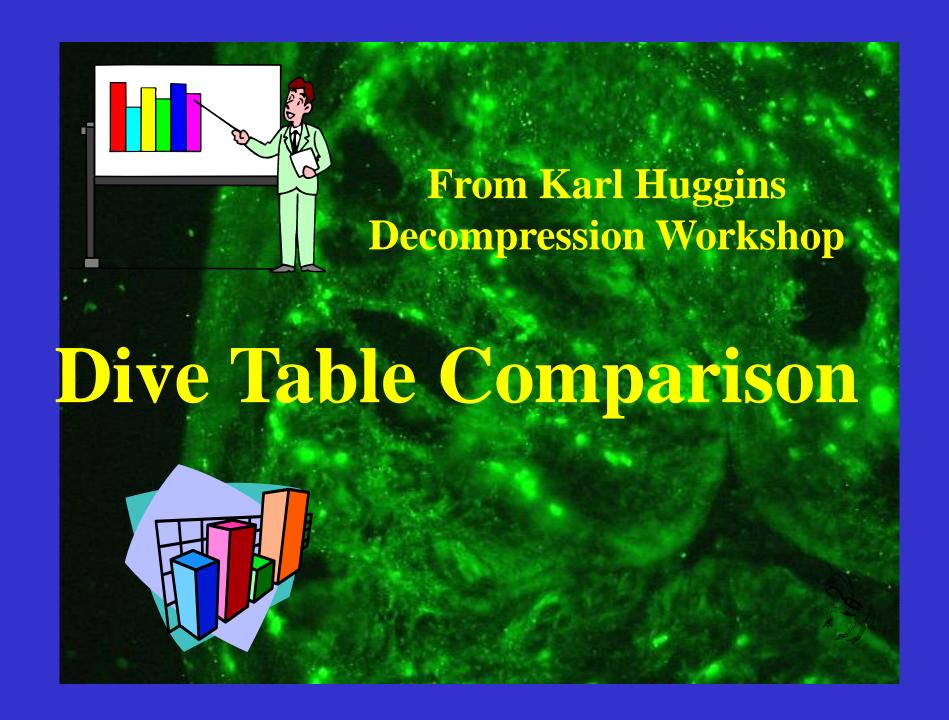


Every Time You Dive You Gamble With Spinal Cord Function

So,
Best To Know



Minimize Risks



Dive 65 fsw for 20 min; Wait 2:40. How much time does a table allow at 65 fsw?

USN	35
Jeppensen	25
Pandora	28
Huggins	21
Swiss	23
DSAT RDP	35
DSAT Wheel	40
DCIEM	21
BSAC	10

Dive 65 fsw for 20 min; Wait 2:40. Dive 65 fsw for 20 min. How long is the wait before No-Stop dive to 53 fsw for 20 minutes?

USN	2:59
Jeppensen	7:36
Pandora	4:03
Huggins	6:05
Swiss	4:00
DSAT RDP	1:00
DSAT Wheel	0:24
DCIEM	9:00
BSAC	16:00





Tables DO NOT Bend, But divers do!

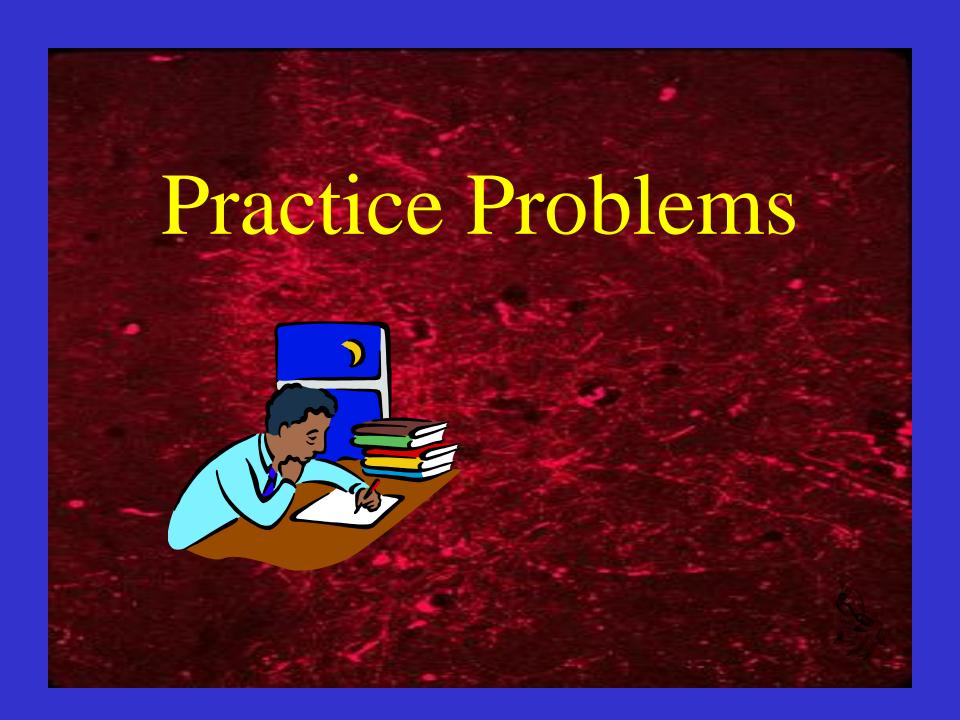


Choosing A Table Is Like Choosing A Religion...

You Select A Gospel
(Decompression Model),
Follow Its Commandments
Accept "On Faith" That
It Will Protect From
Evil (DCS)

Choose Wisely!





You snorkel for 3 hours Your deepest free dive is 47 fsw.

What is your rep group?



You snorkel for 3 hours

Your deepest free dive is 47 fsw.

Irrelevant 'cause

NOT on SCUBA



You SCUBA dive to 50 fsw for 45 minutes.

What is your rep group?



You SCUBA dive to 50 fsw for 45 minutes.

What is your rep group?

NAUI: G

RDP: O

USN: G

You SCUBA dive to 50 fsw for 45 minutes.



What is your rep group? &

No Deco Limit for 50 fsw?

You SCUBA dive to 50 fsw for 45 minutes.
Wait 30 minutes.

What is your rep group? &

No Deco Limit for 50 fsw?

NAUI: G; 24 minutes

RDP: I; 49 minutes

USN: G; 44 minutes

You SCUBA dive to 50 fsw for 45 minutes.

Wait 1 hour & 15 minutes.
CUBA dive to 50 fsw for 30 minutes

What is:

Rep Group on initial descent?

Adjusted bottom time? Final rep group?

You SCUBA dive to 50 fsw for 45 minutes.

Wait 1 hour & 15 minutes.

Then SCUBA dive to 50 fsw for 30 minutes

What is:

	NAUI	RDP	USN
Rep Group on initial descent?	F	C	F
RNT? (minutes)	47	17	47
Adjusted bottom time?	77	47	77
Final rep group?	J	- O -	J

You SCUBA dive to 50 fsw for 45 minutes.

Wait 1 hour & 15 minutes.

Then SCUBA dive to 50 fsw for 30 minutes

How long before a no-deco obligation dive to 45 fsw for 50 minutes?

You SCUBA dive to 50 fsw for 45 minutes.

Wait 1 hour & 15 minutes.

Then SCUBA dive to 50 fsw for 30 minutes

How long before a no-deco obligation dive to 45 fsw for 50 minutes?

NAUI: 3:05 (J => D)

RDP: 0:35 (O =>H)

USN: 1:48 $(J \Rightarrow F)$







A Proper Attitude



Equipment Appropriate For The Dive





No Matter Where You Dive



You Will Have Fun!

Welcome To Planet Ocean!



