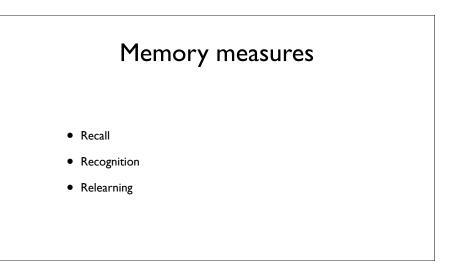


The Seven Dwarfs?					
Grouchy	Shy	Sneezy	Shorty		
Gabby	Droopy	Lazy	Nifty		
Fearful	Dopey	Рор	Нарру		
Sleepy	Sniffy	Grumpy	Doc		
Smiley	Wishful	Bashful	Wheezy		
Jumpy	Puffy	Cheerful	Stubby		
Hopeful	Dumpy	Teach	Hungry		

Santa's Reindeer? Trouncer Jogger Hermes Donder Nova Blitzen Strutter Schweitzer Thor Panter Pixie Catcher Apollo Cupid Gunnar Dasher Starlight Nixon Bounder Vixen Dancer Fancy Flasher Comet Striker Prancer Howitzer Leaper

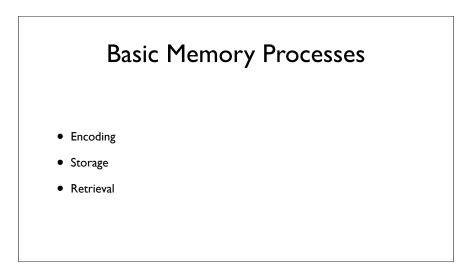


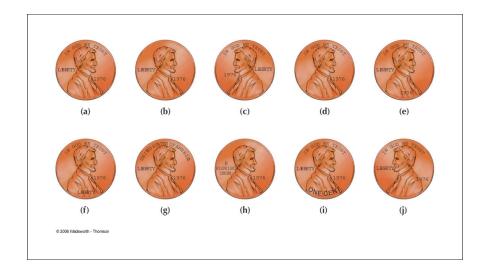
I. DUCK	10. SNOW
2.TREE	II. MARKET
3. party	12. HOUSE
4. fox	13. HALL
5. COLOR	I 4. gate
6. penny	I 5. window
7. look	l 6. book
8. flower	I7. SAFE
9. ROBIN	l 8. pupil

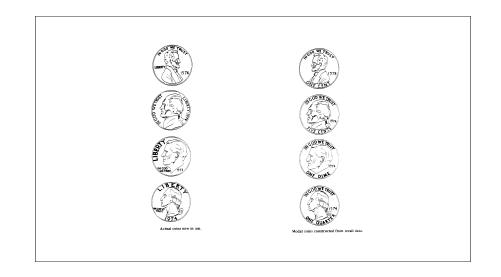
A Pop Quiz!				
	Yes Answers	No Answers		
Case	SNOW, fox, book	MARKET, flower, TREE		
Rhyme	GATE, HALL, look	COLOR, party, safe		
Sentence	pupil, ROBIN, DUCK	window, penny, HOUSE		

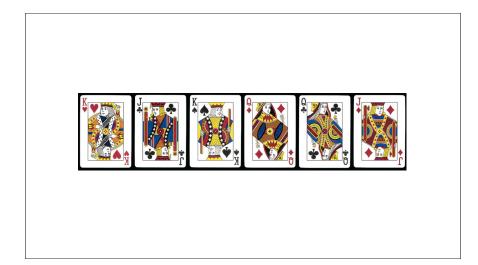
Levels of Processing

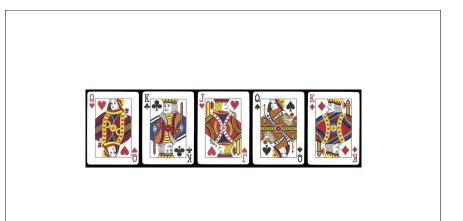
- Shallow processing
- Capital letters?
- Intermediate processing
- Rhyme?
- Deep processing
- Fit in the sentence?











Change Blindness





Visual Imagery

- Dual-coding theory
- semantic and visual

Memorize these word pairs

APPLE DRESS GRASS MEAT FLAG COAST FUR MOUNTAIN HOUSE LIP BUILDING LETTER MOTHER CITY ANIMAL VILLAGE SKY SEAT SUGAR SHIP

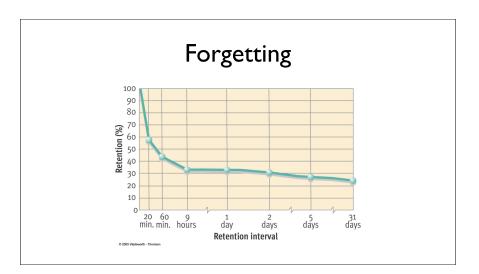
Lesson

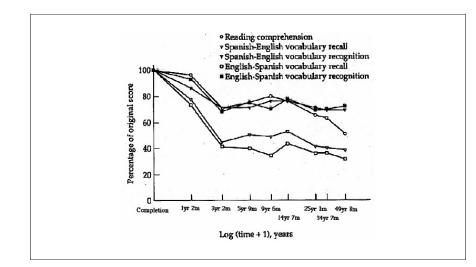
- Ineffective encoding = "forgetting"
- pseudoforgetting
- Enriched encoding = remembering
- elaboration

Other memory aids

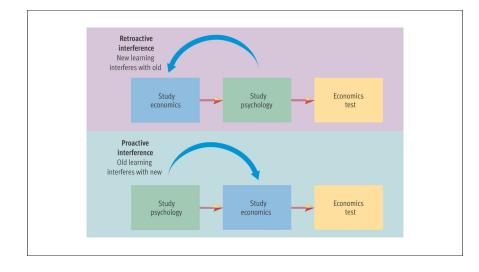
- Mnemonic devices
- Acronyms and acrostics
- Overlearning
- Distributed Practice, not Massed Practice

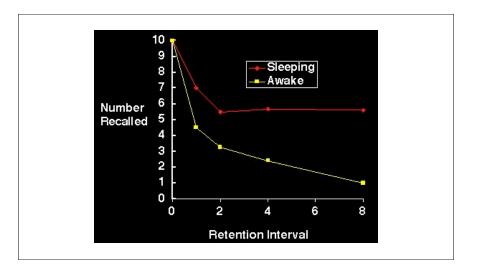
<section-header>Forgetting • Pseudoforgetting • Decay • Interference • Retroactive • Retroactive • Retrieval failure • Repression





List I	List II	
TEACHER	JUDGE	
LAWYER	ARTIST	
GARDNER	BUILDER	
DOCTOR	PROFESSOR	
MECHANIC	NURSE	
ROOFER	ARCHITECT	
ELECTRICIAN	SECRETARY	
PAINTER	FIREFIGHTER	
CARPENTER	BANKER	
PROGRAMMER	PLUMBER	





BED	DOZE	
REST	SLUMBER	
AWAKE	SNORE	
TIRED	NAP	
DREAM	PEACE	
WAKE	YAWN	
SNOOZE	DROWSY	
BLANKET		

Which words did yo	ou see?
--------------------	---------

SEAT	ROCKING
ROAD	CHOCOLATE
WAKE	SAND
PEACE	SLEEP
DROWSY	BED
NAP	CANDY
YAWN	TABLE
SITTING	SNORE

Memorize these words II

THREAD	HAYSTACK			
PIN	THORN			
EYE	HURT			
SEWING	INJECTION			
SHARP	SYRINGE			
POINT	CLOTH			
PRICK	KNITTING			
THIMBLE				

Which words did you see?

COUCH THIMBLE POINT TOOTH HURT LEGS EYE

HAYSTACK

WAKE		
NEEDLE		
CANDY		
TOUGH		
SMOOTH		
INJECTION		
CLOTH		
DROWSY		

Set I

- Words on list
- wake, peace, drowsy, nap, yawn, bed, snore
- Unrelated words not on list
- seat, road, sitting, rocking, chocolate, sand, candy, table
- Related word not on list
- sleep

Set II

- Words on list
- injection, thimble, point, hurt, eye, haystack
- Unrelated words not on list
- wake, candy, tough, smooth, cloth, drowsy, couch, tooth, legs
- Related word not on list
- needle

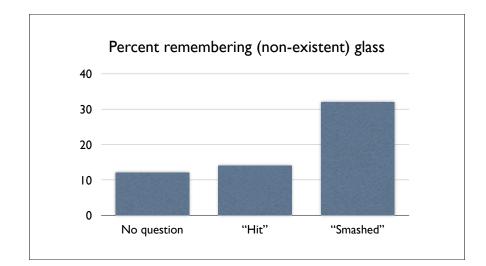
False Memories

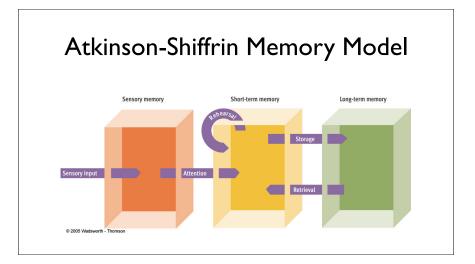
- Roediger & McDermott (1995)
- The misinformation effect
- Repressed & recovered memories

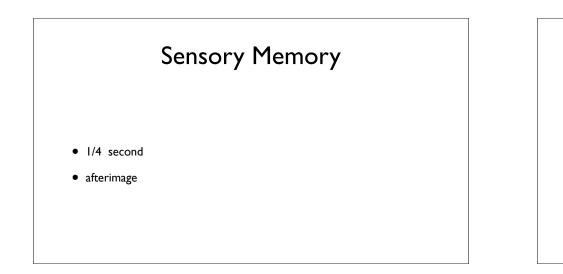
Loftus & Palmer (1974)

How fast were the cars going when they _____ each other?

Word used	Speed estimate
contacted	32 mph
bumped into	34
hit	38
collided with	39
smashed into	41







Digit-span task George Miller (1956)

37492	
4 6 2 5	
938742	
276395	
5841932	
2671495	
83564921	
I 4 2 8 3 9 6 5	
6 2 5 7 3 4 9 8 I	
472516389	

A few more
4 0 6 6 5 7 2 9 5 8
10100100010010
FBITBSNFL
IRSMSUTNTCIA

Short-term memory

- Duration: About 20 seconds
- Extend with rehearsal
- Capacity: "Magical number 7 ± 2"
- Extend with chunking

