

UNIVERSAL Sudoku Puzzle

Complete the grid so that every row, column and 3x3 box contains every digit from 1 to 9 inclusively.

4			5		8			
		1		3				4
		5		4		3		
7			2	5			9	
				7				
	4			6	9			3
		3		8		5		
6				9		7		
			4		7			9

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DIFFICULTY RATING: ★ ★ ★ ★ ★

KEN 賢 KEN.

THE LOGIC PUZZLE THAT MAKES YOU SMARTER.

3	20×	5-	10+
3+		1-	6
		3÷	1-
11+		3	4-
24×	6×		4-
			5-
2÷		3	

RULES

- 1 Each row and each column must contain the numbers 1 through 6 without repeating.
- 2 The numbers within the heavily outlined boxes, called cages, must combine using the given operation (in any order) to produce the target numbers in the cages.
- 3 Left corners.
- 4 Freebies: Fill in single-box cages with the number in the top-left corner.

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1	2	3	4	5	6
9	1	5	2	6	3
4	1	5	2	6	3
6	3	2	9	5	1
5	6	9	5	1	2
2	6	3	9	1	5

[illegible]

SATURDAY AFTERNOON & EVENING

		12 PM	12:30	1 PM	1:30	2 PM	2:30	3 PM	3:30	4 PM	4:30	5 PM	5:30	6 PM	6:30	7 PM	7:30	8 PM	8:30	9 PM	9:30	10 PM	10:30	11 PM	11:30
FOX	KFFX	11	FIFA Soccer World Cup Uru./Por. (L)	WC Today	MLS Soccer Portland Timbers at Seattle Sounders FC Site: CenturyLink Field -- Seattle, Wash. (L)				MLB Baseball Boston Red Sox at New York Yankees Site: Yankee Stadium -- Bronx, N.Y. (L)				Paid Program		Mom	2 Broke Girls	Modern Family	Two and a Half Mikes & Molly	First at Ten (N)	Most Wanted	Hell "Brownstone Bistro"				
	KPTV	3	FIFA Soccer	WCToday	MLS Soccer Portland vs Seattle (L)				MLB Baseball (L)				In Depth J. Brown		** The Curse of Inferno Pauly Shore.				10 O'Clock News		To Hell & Back				
CBS	KEPR	2	PGA Golf The National Round 3 Site: Avenel TPC -- Potomac, Md. (L)					Paid Program	Paid Program	Inside Edition	Paid Program	Grown	Health Journal	News (N)	News (N)	The Big Bang	The Big Bang	Ransom "Promised Land" (N)	Ransom "Semaphore" (N)	48 Hours	News (N)	HonorWrestle			
	KOIN	19	PGA Golf The National Site: Avenel TPC -- Potomac, Md. (L)					Paid	Paid	Extra Weekend	News	News	News	News	Ent. Tonight	Taken "Viceroys" (SF) (N)	Ransom (N)	Ransom (N)	48 Hours	News	Am.Ninja				
NBC	KNDU	25	LPGA Golf PGA Championship Round 3 Site: Kemper Lakes Golf Club -- Kildeer, Ill. (L)					Paid Program	Paid Program	Paid Program	CSI: Miami "In the Wind"	News (N)	News (N)	Wheel Fortune	Blue Bloods "The Greater Good"	Taken "Viceroys" (SF) (N)	Dateline NBC		News (N)	Sat. Night					
	KGW	8	LPGA Golf PGA Championship (L)					Paid	Paid	Getaway	St.Talk	News	News	News	St.Talk	Getaway/Health	Taken (N)	Dateline NBC		News	S.N.L				
ABC	KVEU	42	Xterra	Paid Program	Paid Program	Paid Program	World XGames "Real Street 2018"	Shorts (N)	SportsCenter (N)	Matter of Fact	Paid Program	Extra Weekend	Chance of Wine	News	News	Entertainment Tonight Weekend	Funnies Home Videos	Truth and Lies "The Murder of Laci Peterson"		Scandal "A Traitor Among Us"					
	KATU	5	Wild Arm.	Paid	GT3 Cup Chall.		World XGames	Shorts	SportsC.	Paid	Homo.	News	News	News	Paid	Jeop.	Wheel	Home Videos	Truth "The Murder of Laci Peterson"	News	Wrestle				
PBS	KTNW	31	Sewing Nancy	Fresh Quilting	Garden Home	Greener World	Joy of Painting	Paint This	Test Kitchen	A Chef's Life	Healthy Minds	Second Opinion	Lawrence Welk "Hometown Band"	Great British Baking "Tarts"	Dr.Blake "Hear the Angels Sing"	Masterpiece "Wallander: The White Lioness"	Red Green	Austin City Limits							
	O9P	13	Fons & Porter	It's Sew Easy	Yan Can Cook	Test Kitchen	Food Over 50	Martha Bakes	Moto-rweek	Wood-wright's	Rough Cut	Ask-Old House	This Old House	News-hour. (N)	Great British Baking "Final"	Travels	Steves Europe	Globe Trekker "Food Hour: Sicily"	Father Brown	Dr.Blake "Hear the Angels Sing"	Masterpiece "Endeavour: Muse"				
		12 PM	12:30	1 PM	1:30	2 PM	2:30	3 PM	3:30	4 PM	4:30	5 PM	5:30	6 PM	6:30	7 PM	7:30	8 PM	8:30	9 PM	9:30	10 PM	10:30	11 PM	11:30
A&E	52	OzzyJack	OzzyandJack	Live PD	Live PD					Live PD						Live PD /5 Live PD	Live PD (L)								
	AMC	60	Movie	:25 *** Mr. & Mrs. Smith Vinny ('92, Com) Joe Pesci.				:55 *** Mr. and Mrs. Smith Brad Pitt.					*** Salt ('10, Act) Angelina Jolie.				*** The Shawshank Redemption Tim Robbins.	:05 ** A Bronx ...							
ANPL	24	OffGridDesertD.	The Zoo		The Zoo			The Zoo		The Zoo		Dodo Heroes	R. Mountain Vet	R. Mountain Vet	Mountain Vet (N)	Dodo Heroes (N)	:05 VetWild (N)	:05 Mountain Vet							
	CMT	43	Movie	*** A League of Their Own Geena Davis.				*** Overboard ('87, Com) Goldie Hawn.			** Hitch ('05, Com) Eva Mendes, Will Smith.					** Hitch ('05, Com) Eva Mendes, Will Smith.									
CNBC	72	Paid Program		The Deed				The Deed		Undercover Boss	Under Boss (N)	Boss "YESCO" (N)	Undercover Boss	Undercover Boss	Undercover Boss	Undercover Boss	Undercover Boss	Paid Program							
	CNN	68	CNN Newsroom	CNN Newsroom	CNN Newsroom	Smerconish		CNN Newsroom	CNN Report (N)	Anthony Bourdain	Anthony Bourdain	Anthony Bourdain	Anthony Bourdain	Anthony Bourdain	Anthony Bourdain	Anthony Bourdain	Anthony Bourdain	Anthony Bourdain							
DISC	51	Street Outlaws	Street Outlaws	Street Outlaws	Deadliest Catch	Deadliest Catch	"Winter's Fury"	Builders	Builders	Builders	Builders	Builders	Builders	Builders	Builders	Builders	Builders								
	DISN	26	Andi M. Bunk'd	Bizaard. Bizaard.	StuckM.'Raven's.	Raven's. Jessie	Bunk'd Bunk'd	Bunk'd Bunk'd	** High School Musical	:50 ♀ Zombies Meg Donnelly.		Raven's. Raven's. Andi M. StuckM. StuckM.													
ESPN	33	Cornhole		SportsCenter	SportsCenter (N)	MLS Soccer Orlando City vs Atlanta (L)	Boxing Top Rank (L)	SprtC	SportsCenter (N)	SportsCenter (N)	SportsCenter (N)	SportsCenter (N)	SportsCenter (N)	SportsCenter (N)	SportsCenter (N)	SportsCenter (N)	SportsCenter (N)								
	ESPN2	34	Boxing Classics	Boxing HQ	M. Tyson	Mike Tyson's Hits	Boxing Classics	Baseball College Home Run Derby (L)	SportsCenter (N)	The Jump "Free Agency Special" (L)	ITF Tennis "10 Wimbledon														
FNC	66	Journal Edit.	News HQ	America's News HQ				Report Saturday	Watters World	Judge Janine	Greg Gutfeld	Watters World	Freedom Agency Special" (L)	ITF Tennis "10 Wimbledon											
	FOOD	61	The Kitchen	WedCakeChamp	DallCake DallCake	Diners, Drive-Ins	Diners, Drive-Ins	Diners, Drive-Ins	Diners, Drive-Ins	Diners, Drive-Ins	Diners, Drive-Ins	Diners, Drive-Ins	Diners, Drive-Ins	Diners, Drive-Ins	Diners, Drive-Ins	Diners, Drive-Ins	Diners, Drive-Ins								
FREE	32	*** Nanny McPhee		Nanny McPhee Returns				:05 ***** The LEGO Movie Chris Pratt.	:35 ***** Up Edward Asner.	:45 ***** Oz the Great and Powerful ("13, Adv) James Franco.															
	FX	65	***** X-Men: Days of Future Past ("14, Adv) Hugh Jackman.			** Ride Along 2 Ice Cube.			***** 22 Jump Street Channing Tatum.	** Daddy's Home Will Ferrell.	Pose "Pilot"	:35 Pose													
GOLF	88	EPGA Golf Open de France Site: Le Golf National						Golf Central (N)	LPGA Golf KPMG Championship							PGA Golf The National Round 3 Site: TPC Potomac at Avenel Farm -- Potomac, Md.	Golf								
	HALL	76	Million? Million?	Million? Million?	Feud	Feud	Feud	Feud	Feud	Feud	Feud	Feud	Feud	Feud	Feud	CashCb	CashCb	CashCb	CashCb	Baggage	Baggage	Baggage	Baggage		
GSN	87	** Love at First...	** The Perfect Bride Pascale Hutton.		** The Perfect Bride	** Wedding Bells	** Marrying Mr. Darcy Cindy Busby.	** Wedding March 4: Something Ol...	** Yes, I Do ('18, Rom) Jen Lilley.	Preview G. Girls															
	HGTV	62	Property Brothers	Fixer Upper	Fixer Upper	Fixer Upper	Fixer Upper	Fixer Upper	Fixer Upper	Fix Up	H.Hunt	Love It or List It	Love It or List It	BeachReno (N)	Restored (N)										
HIST	50	The Men Who Built "Live Free or Die"	TheMenWhoBuilt	"Empire of Liberty"	Rise of the Superbombs	Swamp People	Swamp People	Swamp People	Swamp People	Swamp People	Swamp People	Swamp People	Swamp People	Swamp People	Swamp People	Swamp People	Swamp People								
	LIFE	29	Movie	NWSL Soccer North Carolina vs Orlando	** The Preacher's Mistress	** The Good Nanny	** The Other Mother Annie Wersching.	** Killer Ending ('18) Chelsea Hobbs.	:05 ** A Night to Regret																
NICK	27	P Ranger	Sponge	Sponge	Sponge	Sponge	Sponge	Sponge	Sponge	Dare	Loud H.	Loud H.	Loud H.	Loud H.	Henry Danger	H.Danger	Nicky	Dare	Star (N)	F.House	F.House	F.House	Friends	Friends	
	ROOT	37	Champions Tennis	Volleybll	Softball	Journal	WCC/ACC.	Hot Rod	Cheyenne	Mariners	Mariners	Pregame	MLB Baseball Kansas City Royals at Seattle Mariners (L)	Pstgame	MLB Baseball Kan./Sea.										
SPIKE	42	*** The Day After Tomorrow ('04, Act) Dennis Quaid.	** The Karate Kid ('10, Act) Jackie Chan, Jaden Smith.					***** X-Men: First Class ('11, Act) James McAvoy.	** Pirates of the Caribbean: On Stranger Tides																
	SYFY	67	** Vice	*** Escape Plan ('13, Act) Sylvester Stallone.	*** Parker ('13, Act) Jason Statham.	*** The Mechanic Jason Statham.	*** Armageddon ('98, Adv) Liv Tyler, Bruce Willis.	Futur.	Futur.																
TBS	59	** Star Wars: Episode III - Revenge...	Friends	Friends	Friends	Friends	Friends	Friends	Friends	Friends	Friends	Friends	Friends	Friends	Friends	Friends	Friends	Friends	Friends	Friends	Friends	Friends	Friends	Friends	
	TCM	56	*** Cheyenne Autumn James Stewart.	:45 *** Harper ('66, Thril) Paul Newman.	*** The Mask of Dimitrios	*** Footsteps in the Dark	** Armored Car Robbery	*** Midnight Express																	
TLC	49	THAT Wedding	Say Yes	Say Yes	Say Yes	Say Yes	Say Yes	Say Yes	Say Yes	Say Yes	Say Yes	Say Yes	Say Yes	Say Yes	Say Yes	Say Yes	Say Yes	Say Yes	Say Yes	Say Yes	Say Yes	Say Yes	Say Yes	Say Yes	
	TNT	57	Law & Order	Law & Order	** Jumanji Robin Williams.	** Charlie and the Chocolate Factory	*** Maleficent Angelina Jolie.	*** Cinderella Lily James.	:15 ** My Big Fat Greek Wedding 2																
UNI	21	Pagado	Pagado	Contacto Depor.	Sin Rollo	Guapos	Guapos	Renta Co	Renta Co	Vecinos	Maria	Notice	Como dice dicho	La rosa de Guadalupe	Rosa Guadalupe	Greek	Notice								
	USA	58	Movie	:40 *** G.I. Joe: The Rise of Cobra	:10 *** G.I. Joe: Retaliation Channing Tatum.	:40 *** The Last Witch Hunter Vin Diesel.	*** Iron Man ('08, Act) Robert Downey Jr.	:50 *** Iron Man																	
WE	118	Criminal Minds	Criminal Minds	C.Minds "100"	Criminal Minds	Criminal Minds	Criminal Minds	Criminal Minds	Criminal Minds	Criminal Minds	Criminal Minds	Criminal Minds	Criminal Minds	Criminal Minds	Criminal Minds	Criminal Minds	Criminal Minds	Criminal Minds	Criminal Minds	Criminal Minds	Criminal Minds	Criminal Minds	Criminal Minds	Criminal Minds	
	WGN		MASH	MASH	MASH	MASH	Last Man	Last Man	Last Man	Last Man	Last Man	Last Man	Last Man	Last Man	Last Man	Last Man	Last Man	Last Man	Last Man	Last Man	Last Man	Last Man	Last Man	Last Man	
HBO	518	:25 ** The Mountain Between Us Kate Winslet.	:25 ** Fahrenheit 451	:10 CourtsideNBA	:10 *** Blade Runner 2049 ('17, Sci-Fi) Ryan Gosling.	*** It ('17, Dra) Bill Skarsgård.	:15 Succession	:15 Succession																	
	HBO2	520	:15 Westworld	Westworld	Westworld	Westworld	WWorld "Kiksyua"	Westworld	Westworld "The Passenger"	** Patti Cake\$	:50 Bill Maher	LastWk	:20 Real Sports												
HBO3	521	Movie	:40 ** Girls Trip Jada Pinkett Smith.	:45 *** Bridget Jones's Diary	:25 ** Winter's Tale Colin Farrell.	:25 VICE	** The Hitman's Bodyguard	** Girls Trip Jada Pinkett Smith.	:05 ** The Purg...																
	MAX	549 <td>Movie</td> <td>***** Split James McAvoy.</td> <td>** Chaos Jason Statham.</td> <td>:20 *** The Hangover Ed Helms.</td> <td>Strike "Episode 1"</td> <td>Strike "Episode 2"</td> <td>*** The Book of Eli</td> <td>*** Man on Fire</td>	Movie	***** Split James McAvoy.	** Chaos Jason Statham.	:20 *** The Hangover Ed Helms.	Strike "Episode 1"	Strike "Episode 2"	*** The Book of Eli	*** Man on Fire															
SHOW	578	*** Pork Pie	:45 ***** Crimson Tide	:45 ** Bad Moms Mila Kunis.	Dying Up Here	The Affair	** Vantage Point	** Bad Moms Mila Kunis.	:45 The Affair	Griffin															
	STARZ	621 <td>Movie</td> <td>:50 *** Untraceable Diane Lane.</td> <td>*** Independence Day Will Smith.</td> <td>Wrong</td> <td>:55 *** Gridiron Gang</td> <td>** Roman J Israel, Esq.</td> <td>:05 Wrong Man</td> <td>** Untraceable</td>	Movie	:50 *** Untraceable Diane Lane.	*** Independence Day Will Smith.	Wrong	:55 *** Gridiron Gang	** Roman J Israel, Esq.	:05 Wrong Man	** Untraceable															
STZENC	644	*** We Were Soldiers Mel Gibson.	:10 ** The Shallows	:35 *** 2012 ('09, Act) John Cusack.	:15 ***** Desperado	:05 ***** Midnight Cowboy	Spartacus: Venge	** The Shallows																	

SATURDAY LATE NIGHT & SUNDAY MORNING

			12 AM	12:30	1 AM	1:30	2 AM	2:30	3 AM	3:30	4 AM	4:30	5 AM	5:30	6 AM	6:30	7 AM	7:30	8 AM	8:30	9 AM	9:30	10 AM	10:30	11 AM	11:30
FOX	31 KFFX	11	FIFA World Cup Tonight		Bones		Two and a Half	Mike & Molly	Fox Weekend Marketplace				2 Broke Girls	Paid Program	FIFA Live (L)	:45 FIFA Soccer World Cup Spain vs. Russia Round of 16 Site: Luzhniki Stadium (L)					FIFA World Cup Today (L)		:45 FIFA Soccer World Cup Croatia vs. Denmark (L)			
	KPTV	3	FIFA World Cup Tonight		Bob's Burgers	Bob's Burgers	Family Guy	Family Guy	Paid Program	Paid Program	Paid Program	Paid Program	Fox News Sunday	FIFA Live (L)	:45 FIFA Soccer World Cup Spain vs. Russia Round of 16 Site: Luzhniki Stadium (L)					FIFA World Cup Today (L)		:45 FIFA Soccer World Cup Croatia vs. Denmark (L)				
CBS	19 KEPR	2	Honor & Wristle	Hollywood News	Real Green	The R.S.	L.M. Traveler	Paid Program	Paid Program	Paid Program	Real Green	Spaces	Paid Program	Paid Program	Full Measure	CBS Sunday Morning With Jane Pauley (N)			Face the Nation		Paid Program	Paid Program	Paid Program	PGA Tour Special (N)		
	KOIN	19	American Ninja Warrior "Venice Beach Qualifying"		:35 Paid Program	:35 Paid Program	:05 Paid Program	:35 Paid Program	Paid Program	Paid Program	On the Money	Paid Program	Paid Program	Reclaim Hist (N)	In Touch With Dr. Charles Stanley	CBS Sunday Morning With Jane Pauley (N)			Face the Nation		Paid Program	Paid Program	Paid Program	PGA Tour Special (N)		
NBC	25 KNDU	6	Saturday Night Live		1st Look	Open House	Open House	CSI: Miami "Presumed Guilty"	Am. Athlete	Entertainers With Byron Allen	On the Money	Cross-walk	Sunday Today Bobby Lay (N)	Sunday Today Bobby Lay (N)	WakeUp North	Champion	Meet the Press (N)		Paid Program	Paid Program	Paid Program	Entertainers With Byron Allen		Paid Program		
	KGW	8	Saturday Night Live		:05 Andy Stanley	:35 Paid Program	:05 1st Look	:35 Open House	:05 Open House	L.M. Traveler	Paid Program	Paid Program	Sunday Today Bobby Lay (N)	Sunday Today Bobby Lay (N)	KGW News at Sunrise (N)				Meet the Press (N)		Paid Program	Paid Program	L.M. Traveler	Paid Program		
ABC	42 KVEU	4	Rizzoli "My Own Worst Enemy"		Kolchak: Night Stalk	Night "Firefall"	Lost Space "The War of the Robots"	Bottom of Sea "The Saboteur"	Land Giants "The Mechanical Man"		Swamp Thing	Swamp Thing	ALF "Fever"	Matter of Fact	Good Morning America Sunday		This Week		Good News	Homeowner	Latina	America n Latino	Paid Program	Xterra		
	KATU	5	Honor & Wristle	:35 Castle "After Hours"	:35 Paid Program	Paid Program	Homeowner	Destination.TV	The R.S.	Paid Program	Paid Program	Paid Program	Paid Program	Good Morning America Sunday	KATU News This Morning Sunday				Your Voice	Full Measure	This Week		Paid Program	Force-sParade		
PBS	31 KTNW		Bluegrass Under a Chef's Life		Nova		Nature	POV "Singing With Angry Bird"	Secrets of Scotland Yard		Wash. Week	Breaking Big	Sid Science	Dinosaur Train	Sesame Street	Daniel Tiger "Tiger Family Trip"		Cyber-chase	Antique "Vintage Oklahoma City"	Inside Olympia		The Impact		To the Contrary		
	95B OPB	13	Masterpiece	On Story	Oregon Art Beat	Oregon Guide	Vera "Black Ice"		:35 Masterpiece Mystery! "Miss Marple: Endless Night"		Garden Smart	Garden Home	Peg + Cat	Super WHY!	Mister Rogers	Daniel Tiger "Tiger Family Trip"		Bob the Builder	Steves' Europe	Travels	Nature		Nova			