

Sample Solutions

Through running our CSP solvers with each of the 15 predefined seeds we found around 45 unique solutions each for Puzzle 1 and Puzzle 2 and around 85 unique solutions each for Puzzle 3 and Puzzle 4. To see the full set of unique solutions found, see "results.uniquesolutions.csv" in our source code. (Be sure to set your font to a monospace/fixed-width font.)

1 Puzzle 1

```
  AID
  DUTY
FORCE
UTAH
MEL
```

```
  FUN
  HERB
LEVIS
ARES
PER
```

```
  OAR
  ACME
BICEP
ONUS
OUR
```

```
  PHD
  LEER
BARRY
MIRA
WRY
```

```
  TWO
  CHIP
GHENT
AUTO
MBA
```

2 Puzzle 2

```
  BOB
  BRIEF
WAYLAID
HORNUSIA
IRK  HAD
PLEA  SEND
  DECLARE
  PHONY
  EGG
```

```
  FEB
  ALDEN
  ABETTED
IDEA  AWRY
KEY  LIE
ELAN  SIFT
  ENTRANT
  TINGE
  SAO
```

```
  HAT
  MOIRE
  CUMMINS
ALSO  GLEN
LET  IDA
IRAQ  EVEN
  KRUEGER
  DIVAN
  PAN
```

```
  MAR
  MINOS
  GALATEA
AREA  CRIB
COS  IKE
MUTT  POET
  PRONOUN
  OWENS
  NED
```

```
  SAW
  HAREM
  SOCKEYE
TALK  PERT
ICY  LAW
CHOP  LISA
  SKYLINE
  ERASE
  EPA
```

3 Puzzle 3

ARAB	SIC	PRIM	DISC	ICC	FLEA	HOMO	FLO	EDGE
COLE	AIR	RICARICA	INCA	RHO	ROMP	ALEX	LOT	SILL
ROAD	VII	ICON	NCAR	AIL	BIS	RATA	YUH	KNOB
EMILIO	SLOANE	THRUST	ZYGOTE	EVELYN	ENIGMA			
AMY	PER	SEE	AUG	IAN	RAM			
CLOMP	VISTA	ENDOW	HAI FA	ALECK	POSIT			
PEA	PAR	AYE	ALP	USA	I . E			
UTTER	SPARE	RUSSO	JANUS	KIROV	MOREL			
GOT	FIR	WAH	PEP	SIS	FOX			
SPAR	AUSABLE	TROIKA	SWATCH	ARABIA	AWAKEN			
COLE	NRC	VEAL	RAPT	RAY	THAI	RAMO	URI	LAME
ALPS	YAH	DAIS	OPEC	SAC	HOLD	PURR	DAN	IRMA
BOSS	APS	ANNE	TECH	HUH	YULE	ALAN	ITT	CLAP

SEEM	PHI	TAIL	THAI	ACE	TROT
ERDA	U'S	ERDA	REAM	LIN	EASE
MIND	LSI	RIOT	ARAB	LAD	RULE
ICARUS	NEEDLE	GASIFY	OCLOT		
AGE	GAS	BON	WAS		
SMASH	TAHOE	LATEX	PAPUA		
ABC	AWL	ALI	OHM		
CASEY	STYLI	WIDTH	SULFA		
DEW	ICY	HOB	ARM		
FARINA	LIPTON	ARROYO	LILIAN		
EMIT	AYE	HARE	ROAM	BYE	AFRO
LOGO	LOU	URIS	PAPA	BOP	UNIT
TSAR	SUM	SANS	ARES	YUH	TIDE

4 Puzzle 4

ARES	SET	ARAB	CRAB	TOM	TAOS	EPI C	BMW	USPS
ROTC	TAO	NICE	RAMO	AVE	ELLA	PUGH	OAR	PEEL
ETCH	ASK	ACME	AMMO	SET	RAIN	IGOR	RIO	PERU
SCHOOLTEACHER	BOOTSTRAPPING	CHRYSANTHEMUM						
OAK	NIH	SEE	LOS	SIX	EAR			
SHELF	DRINK	MALTA	TINGE	RABAT	MCKEE			
EAST	ONCE	IGOR	CEIL	AXON	LEEK			
ENTER	ANNOY	TOTAL	WHELK	YEATS	EAGLE			
AUG	ELI	POE	WHO	HIS	D'S			
CONCERTMASTER	TERPSI CHOREAN	UPPERCLASSMEN						
UTAH	ARC	TILE	ALAI	DOE	EDGE	SEEM	RUM	MORE
RISE	ZOE	IRAN	OLIN	EPA	AGUE	PERU	AGO	AVOW
TSAR	EYE	CENT	SANG	RET	NEED	SLUM	MEN	NEST

SNAP OWE CARE
TATE MEN OLAV
AT&T EAT NAME
RETROGRESSION
OVA RUE
CIRCA SQUAW
POOH URGE
UNDER DENE
MIT ANN
REGIMENTATION
ERIC POL INTO
NINA IDA ACID
DEAL DES LASE

WART PTA ABEL
ALOE LOW RODE
SOAR IDA GINA
PERPENDICULAR
SKY TOM
GENIE DEBAR
EPIC NOLO
LATHE ITALY
ODE CIA
SPORTSWRITING
NOTE SEA IDEA
IOTA EAT VEAL
PHON NNE EARL