

WELCOME BACK

TANGY TUESDAY PUZZLE PACK!

Fun brain puzzles that make you smarter!

GRADE
3

PACK 1
tangmath.com

WEEK
1



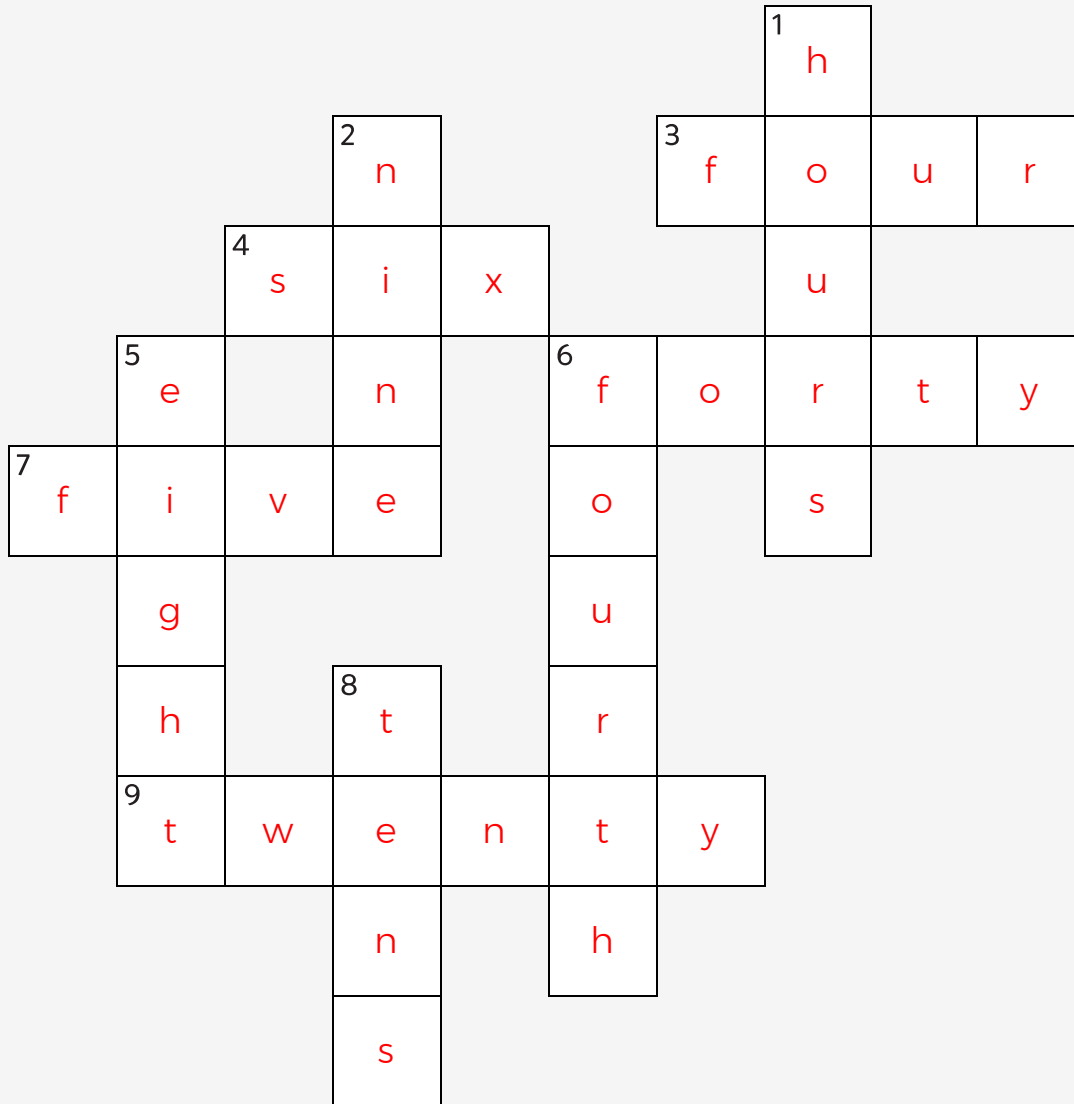
DIGICROSS

TANGY TUESDAY PUZZLE PACK
3.1.1

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Complete the crossword by filling in a word that fits each clue.



nine hours forty six fourth five eight four twenty tens

ACROSS

- area of square with side of 2
- 7 groups of 6 = ___ groups of 7
- $506 + 242 = 700 + \underline{\quad} + 8$
- 10 divided into 2 equal groups
- $936 - 511 = 400 + \underline{\quad} + 5$

DOWN

- $2:45 = 2 \underline{\quad} + 45$ minutes
- 86 is closest to ___ tens
- 2 groups with 4 in each group
- one of 4 equal parts
- $2 \times 40 = 2 \times 4 \underline{\quad}$

SNAKE

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3.11

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Fill in each blank box in order, combining the numbers from the previous two boxes.

46	-27	19	-2	17	+23	40	+4	44
----	-----	----	----	----	-----	----	----	----

								-19
--	--	--	--	--	--	--	--	-----

41	+7	48	-8	40	-12	28		
----	----	----	----	----	-----	----	--	--

+32								+5
-----	--	--	--	--	--	--	--	----

9	+7	2	-5	7	+2	5	-25	30
---	----	---	----	---	----	---	-----	----

27	-1	26			
----	----	----	--	--	--

		-4			
--	--	----	--	--	--

37	+15	22			
----	-----	----	--	--	--

-1				
----	--	--	--	--

36	-7	29	-9	20			
----	----	----	----	----	--	--	--

34	-11	23	+22	45			
----	-----	----	-----	----	--	--	--

+10						-13
-----	--	--	--	--	--	-----

24			50	+18	32		
----	--	--	----	-----	----	--	--

-8					
----	--	--	--	--	--

42	-7	35					
----	----	----	--	--	--	--	--


NUMTANGA

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In each empty box, write the matching value between adjacent cards.

19	20+1
	eighteen

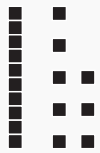
19

21

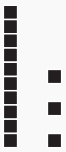
28	10+9
	fifteen

28

15


13	20+8
	fourteen

14

11	10+2
	twenty one


13

12


29	10+3
	seventeen

17


29

17	10+1
	twenty four


24

16	10+7
	twenty eight

16

18	20+9
	eleven

18

15	10+8
	twelve

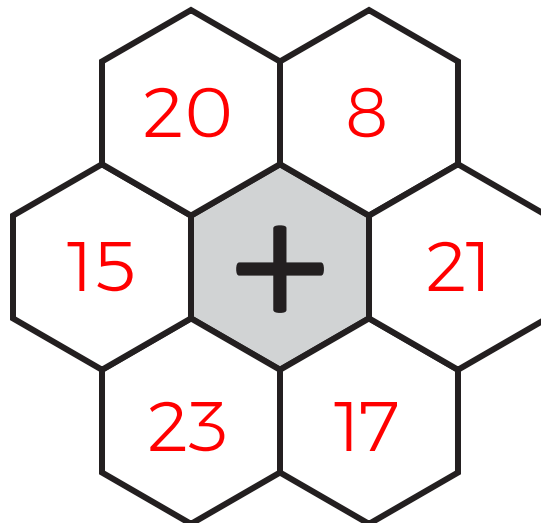
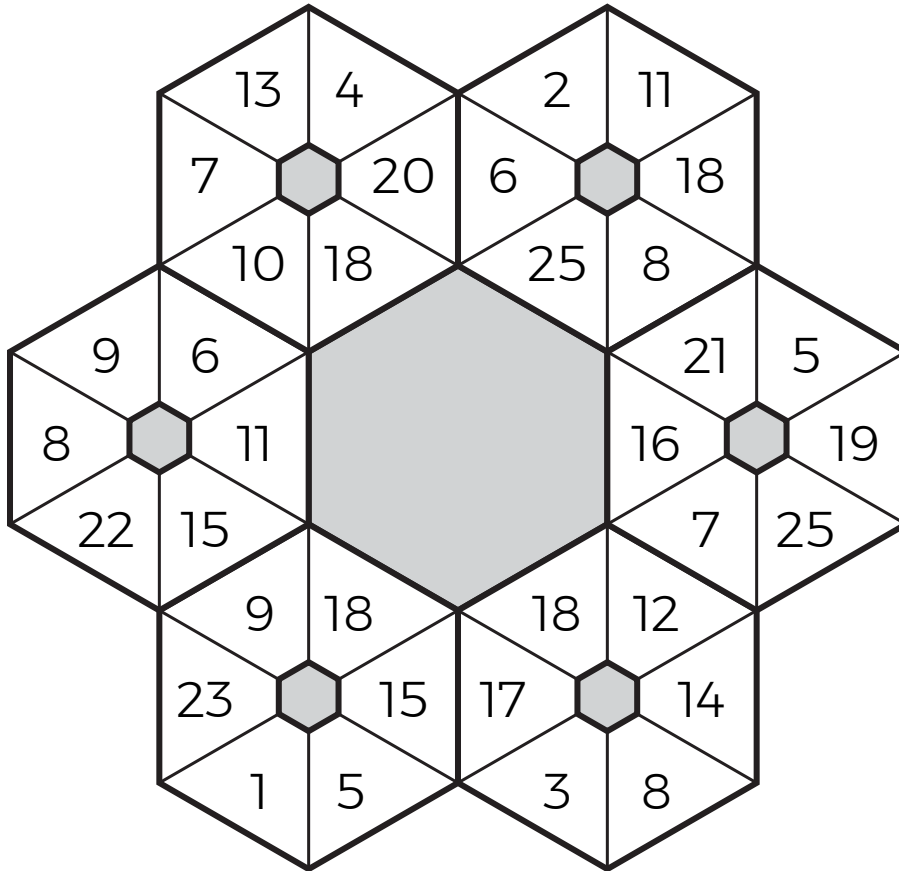
KAKOOMA

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Puzzled? In each 6-number hexagon, find the number that is the sum of 2 other numbers.
Use all 6 sums to create 1 final addition puzzle and solve.



Final
answer:

⇒ 23

EQUATO

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3.1.1

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Fill in the empty boxes to make every horizontal and vertical equation correct.
Read equations left to right and top to bottom. Use every number in the bank once.

1	2	3	4	5	6	7
6	=	8	-	3	+	1
=		-		+		+
9	-	4	=	7	-	2
+		+		-		+
5	+	3	-	6	=	2
-		=		=		=
8	-	7	+	4	=	5