Name: _____

TANGY TUESDAY

TANGY
TUESDAY
PUZZLE PACK!

Fun brain puzzles that make you smarter!

DIGICROSS

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

1 (down) t
2 (down) t
3 (across) h u n d r e d t h s
4 (down) e
t h
i i
5 (across) g r e a t e r
r d
h
6 (across) t w o
y t
e
7 (down) n
8 (down) o
9 (across) f i f t e e n
n n e
t
h
10 (across) s i x t h
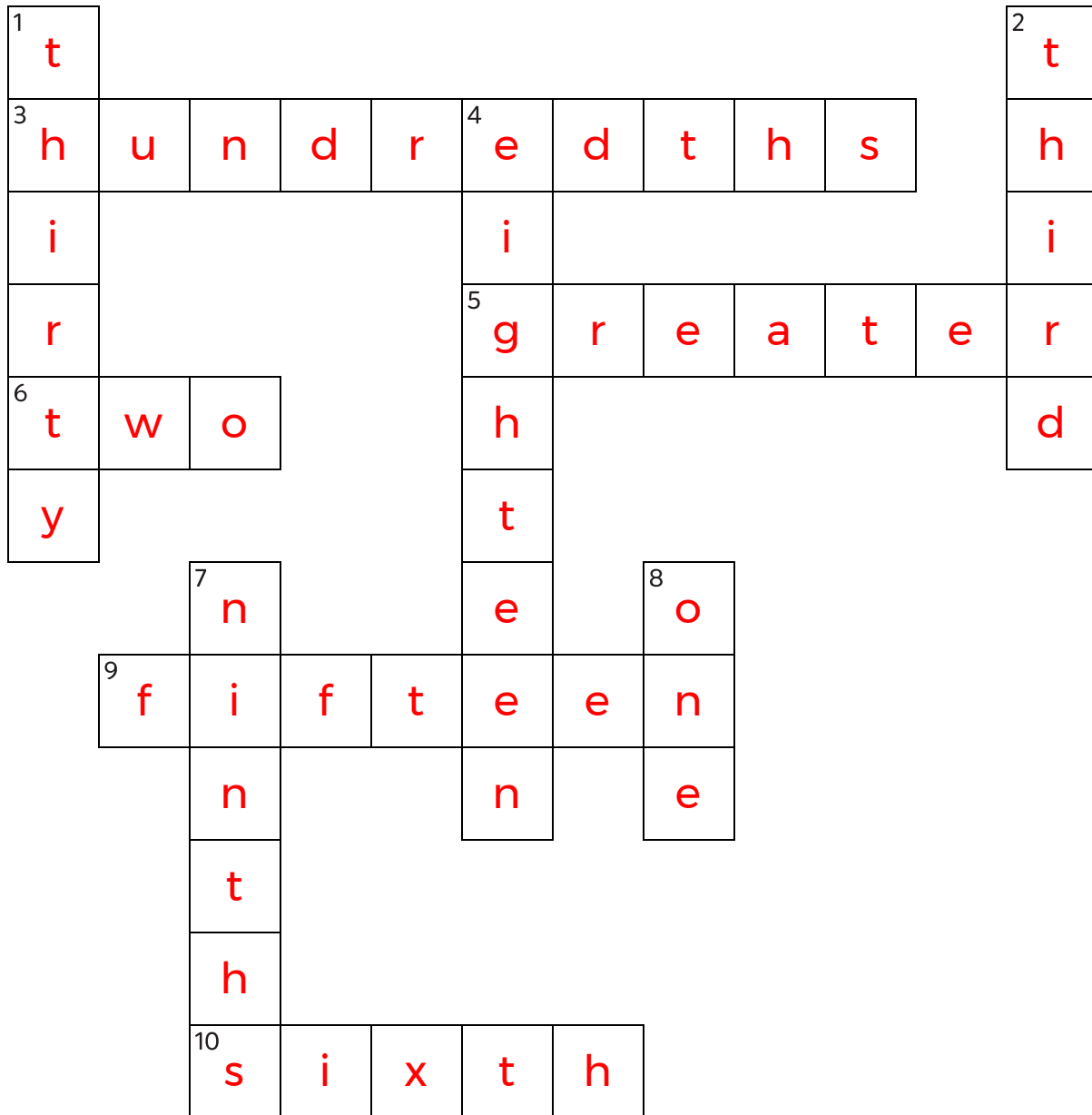
sixth   one   two   fifteen   greater   thirty   hundredths   third   eighteen   ninths

ACROSS
3. .24 + .13 = 37 ____
5. 7/5 x 25 is ____ than 25
6. 308 ÷ 14 = twenty- ____
9. 1/3 of 45
10. 1/3 ÷ 2 = one ____

DOWN
1. 3.0 = ____ tenths
2. 1,000 = 10 to the ____ power
4. 30 - 5 x 4 + 8
7. 1/3 + 1/9 = 4 ____
8. .1 is 1/10 of ____

SNAKE

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

9	×6	54	+0	54	÷6	9	×7	63

-9

9	÷2	18	-45	63	×7	9	÷6	54

×7

63	-35	28	÷4	7	×9	63	-45	18

4		24	÷3	8		30	÷5	6
×9		-18		×4		+18		×3
36		42		32		12		18
-8		×6		-28		×6		+24
28	÷4	7		4	÷2	2		42

Name:

NUMTANGA

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

$\frac{3}{4}$	▦		$\frac{4}{5}$	▯▯	
⊗	one third	⅜	◔	three eighths	¼

$\frac{2}{3}$	▦
⊗	one fourth

¾ ½ ⅙

$\frac{7}{8}$	▮▮▯		$\frac{1}{2}$	▮▯▯	
◕	four fifths	⅔	◑	one eighth	⅛

$\frac{5}{6}$	▯▯▯
◕	one sixth

⅞ ⅓ ⅚

$\frac{1}{6}$	▦		$\frac{1}{5}$	▮▮▮	
◔	one half	⅕	◑	five eighths	⅝

$\frac{5}{8}$	▮▮▯
◑	three fourths
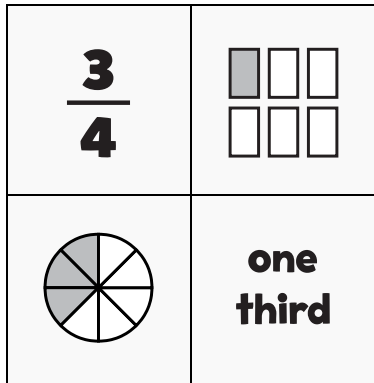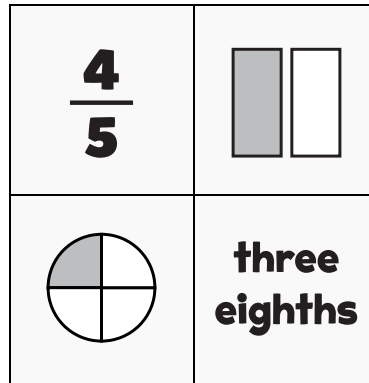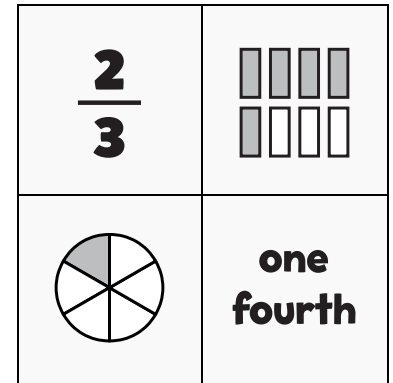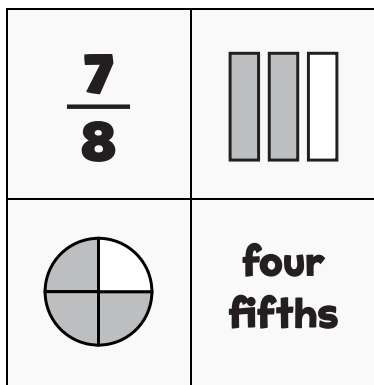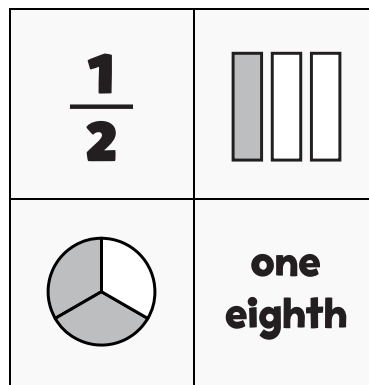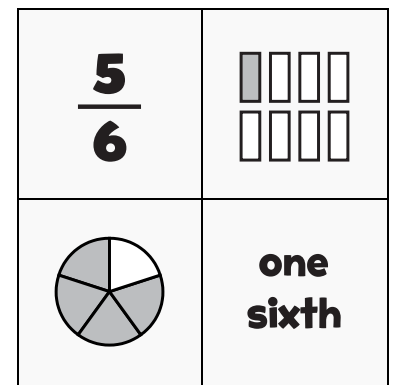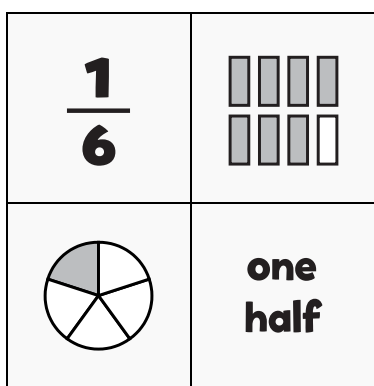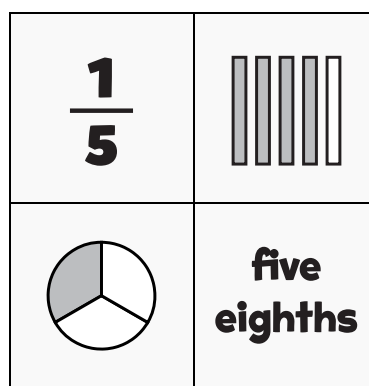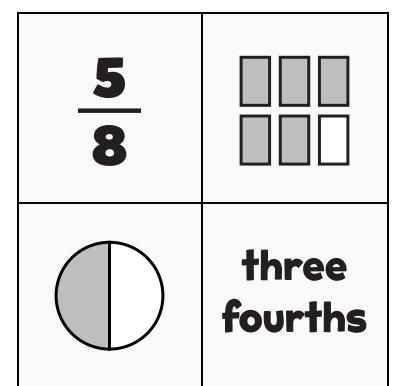
KAKOOMA

Name:

In each 8-number group, find the one number that is the sum of two other numbers.
Use all 8 sums to create a final puzzle, then solve for the final answer.

8	23	3	14	21	20	1	10	24
14	+	24	18	+	10	13	+	25
9	18	19	8	17	19	17	2	5
12	7	14				5	1	7
19	+	22				25	+	11
17	11	9				21	2	17
23	4	22	17	11	13	15	17	21
20	+	7	25	+	4	19	+	12
5	14	10	19	18	16	23	3	1

Final Puzzle

23	18	25
19	+	7
14	17	15

Final Answer

25

EQUATO

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 8 9

3	+	1	=	5	+	6	−	7
=		+		+		=		=
2	×	4	÷	8	=	9	−	8
×		−		+		×		+
7	×	1	−	5	+	4	=	6
−		−		−		÷		×
3	+	2	=	9	−	3	−	1
−		=		=		−		−
8	+	2	−	9	+	6	=	7