



# TANGY TUESDAY PUZZLE PACK!

*Fun brain puzzles that make you smarter!*

GRADE  
5

Halloween  
[tangmath.com](http://tangmath.com)

Bonus  
Pack



# WORD SEARCH

TANGY TUESDAY PUZZLE PACK  
5.1.8

Name: \_\_\_\_\_

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Spell your answers, then search for them below.  
Hidden words are spelled left to right and top to bottom.

sixty three second greater twelfth seven one eighteen ten

$10^2$  means 10 to the \_\_\_ power

s e c o n d

$.1 \div \underline{\quad} = .01$

t e n

1.8 = \_\_\_ tenths

e i g h t e e n

$357 \div 17 =$  twenty-\_\_\_

o n e

$1/3 + 1/6 =$  \_\_\_ sixths

t h r e e

$3/4$  of 80

s i x t y

$1/4 \div 3 =$  one \_\_\_

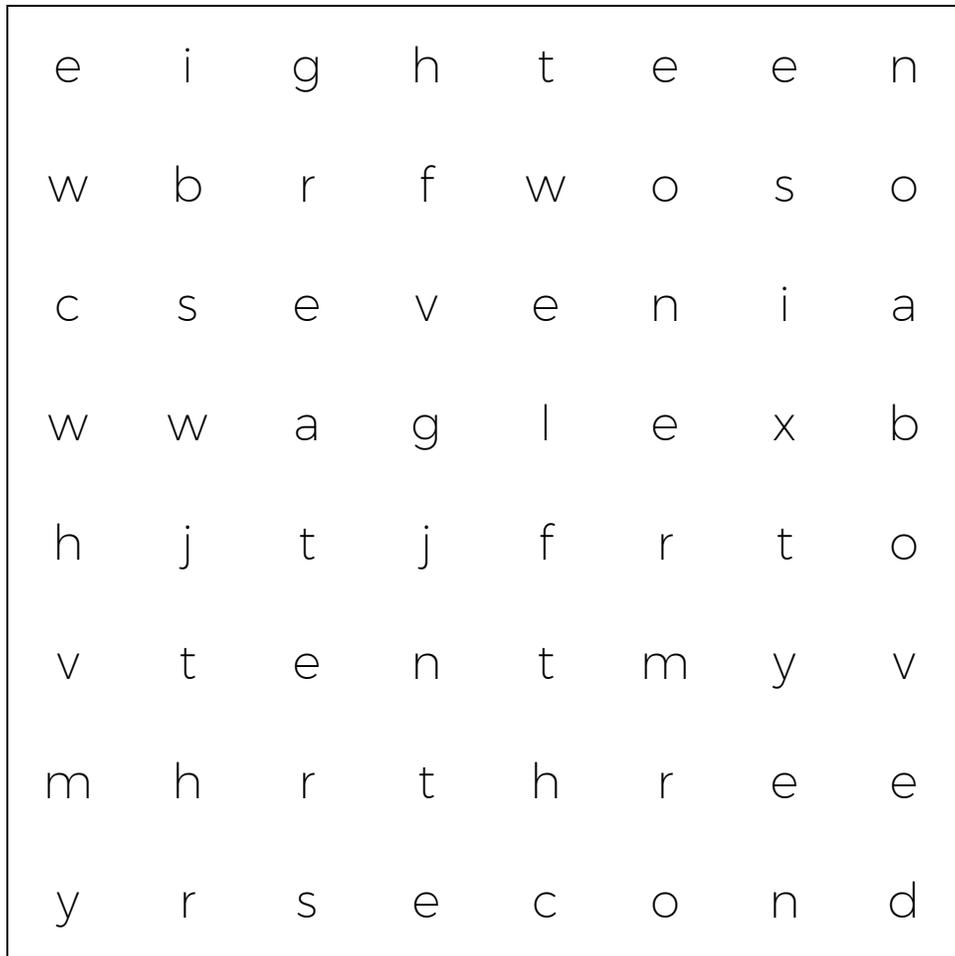
t w e l f t h

$11/10 \times 50$  is \_\_\_ than 50

g r e a t e r

420 minutes = \_\_\_ hours

s e v e n



# SNAKE

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

2	$\times 7$	14
---	------------	----

$+4$
------

9	$\div 2$	18
---	----------	----

$\times 9$
------------

81	$-31$	50	$\div 10$	5
----	-------	----	-----------	---

9	$\div 3$	3	$\times 6$	18
---	----------	---	------------	----

-21	$+46$
-----	-------

30
----

$\times 6$
------------

8	$\div 8$	64
---	----------	----

$\times 8$
------------

64	$-40$	24
----	-------	----

2
---

$\times 5$
------------

10
----

$+17$
-------

27
----

48
----

$+30$
-------

18
----

$\times 2$
------------

9
---

$\div 6$
----------

$\times 6$
------------

48
----

$-24$
-------

24
----

8
---

$\times 6$
------------

48
----

$-24$
-------

24
----

$\div 6$
----------

$+6$
------

48
----

$\times 6$
------------

8
---

54
----

$\div 6$
----------

48
----

$\times 6$
------------

8
---

$\div 6$
----------

$\times 5$
------------

45
----

$-25$
-------

20
----

# NUMTANGA

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

$\frac{3}{8}$	
	<b>two thirds</b>

$\frac{2}{3}$

$\frac{3}{8}$

$\frac{7}{8}$	
	<b>four fifths</b>

$\frac{7}{8}$

$\frac{4}{5}$

$\frac{1}{8}$	
	<b>seven eighths</b>

$\frac{5}{8}$

$\frac{3}{4}$	
	<b>one third</b>

$\frac{1}{6}$

$\frac{1}{3}$

$\frac{5}{6}$	
	<b>one sixth</b>

$\frac{5}{6}$

$\frac{1}{8}$

$\frac{5}{8}$	
	<b>three fourths</b>

$\frac{1}{2}$

$\frac{1}{3}$	
	<b>five sixths</b>

$\frac{1}{4}$

$\frac{1}{4}$	
	<b>one fifth</b>

$\frac{1}{5}$

$\frac{1}{6}$	
	<b>one half</b>

# MAZE

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Find a path through the maze from top to bottom.  
Draw a circle around the problem if the answer is a factor of 12.

$129 - 6 \times 20$	$10 \times 9 - 85$	$61 - 8 \times 7$	$140 - 13 \times 10$	$5 \times 25 - 122$
$5 \times 5 - 20$	$71 - 9 \times 7$	$7 \times 11 - 69$	$45 - 5 \times 7$	$5 \times 12 - 58$
$3 \times 20 - 50$	$6 \times 20 - 111$	$10 \times 5 - 42$	$3 \times 9 - 15$	$7 \times 20 - 134$
$21 \times 4 - 75$	$25 - 5 \times 3$	$21 \times 4 - 75$	$6 \times 30 - 174$	$3 \times 6 - 8$
$188 - 9 \times 20$	$7 \times 11 - 69$	$43 - 4 \times 9$	$33 - 3 \times 10$	$61 - 8 \times 7$
$104 - 9 \times 11$	$71 - 9 \times 7$	$8 \times 12 - 92$	$10 \times 30 - 296$	$129 - 6 \times 20$
$11 \times 12 - 123$	$4 \times 7 - 21$	$184 - 10 \times 18$	$50 - 4 \times 10$	$10 \times 9 - 85$
$42 - 7 \times 5$	$10 \times 11 - 102$	$59 - 7 \times 8$	$24 \times 20 - 472$	$61 - 8 \times 7$
$8 \times 25 - 190$	$289 - 40 \times 7$	$60 - 4 \times 12$	$87 - 9 \times 9$	$188 - 9 \times 20$
$11 \times 12 - 123$	$17 - 3 \times 4$	$140 - 13 \times 10$	$60 - 6 \times 8$	$10 \times 5 - 42$

# EQUATO

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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 8 9

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