Halloween Math Games Puzzles and Brain Teasers

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## More Fun Math from Games 4 Learning



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5
6
8

10

# Halloween Math Board Games 

Print on cardstock and laminate if desired.
Some games have cards that will need to be printed on cardstock and then cut into cards.

Some games require dice and counters.




$$
\begin{array}{llll} 
& 8 & 9 & 11 \\
& 13 & 0 & 12 \\
& 12 & 14 & 16 \\
& 15 & 17 & 7 \\
\hline & 16 & 10 & 9 \\
\hdashline & 8 & 0 & 14
\end{array}
$$



Candy Cards for Trick or Treat Covers Multiplication



Cover
1 more than 59

Cover 10 less than 100

## Cover

10 more than 7

Cover 10 less than 91

Cover
1 more than 92

Cover 10 less than 37


## squash the Pumpkins 2 Digit Numbers a game for 2-4 players Need: dice, counters

 Each player puts a counter on Start. Take turns to roll the dice and move forward that many spaces. When you land on a square, calculate the number of the pumpkin you are to squash. Squash the pumpkin by covering that pumpkin with a counter. If the pumpkin has already been squashed, you don't cover one on that turn. Land on a pumpkin and you can cover any pumpkin. The player to squash the last pumpkin is the winner.
Cover
10 less
than
54
Cover
1 more
than
43

Cover 10 more than 48

## Cover 10 less than 70

Cover 10 less than 89

Cover 1 less than 91

Cover 10 less than 27

Cover
1 more than 76

Cover 1 less than 94

| Cover |
| :---: |
| 10 less |
| than |
| 89 |


| Cover <br> 1 less | Cover <br> 10 less <br> than | Cover <br> 1 more <br> than | Cover <br> 10 less <br> than | Cover <br> 1 less <br> than |
| :---: | :---: | :---: | :---: | :---: |
| 78 | 54 | 16 | 43 | 59 |

Cover
10 less
than
91
start $\rightarrow$

Cover a number with 3 hundreds

Cover an odd number

Cover a number with 7 ones

Cover a number with 1 ten

Cover a number with 1 hundred

Cover a number with 6 hundreds


Cover a number with 2 hundreds

Cover
a number
with 3 ones

Cover a number with 5 ones

Cover a number with 4 tens

## Cover

 a number with 9 onesCover an even number

## squash the Pumpkins Digit Numbers <br> a game for 2-4 players

Cover a number with 7 tens

Each player puts a counter on Start.
Take turns to roll the dice and move forward that many spaces. When you land on a square, calculate the number of the pumpkin you are to squash. Squash the pumpkin by covering that pumpkin with a counter. If the pumpkin has already been squashed, you don't cover one on that turn.
Land on a pumpkin and you can cover any pumpkin. The player to squash the last pumpkin is the winner.

## Cover

 a number with 4 tensCover a number with 8 hundreds

Cover a number with
7 ones

Cover a number with 3 tens

Cover a number with 5 ones

Cover a number with
8 ones




## 

Cards for Cats and Bats Strategy Game Cut out cards to play.


Halloween Math Puzzles

: onto the board so that each row, column and small square have a cat, a pumpkin, a bat and a spider.

Spooky Sudoku Game for 2 Players - Lay the cards beside the game board facing up. Take turns to place a card on the board without putting more than one spider, cat, bat or pumpkin in each row, column and small square. After each turn check each row, column and square. The last player who can place a piece is the winner.

## 


For solution see page 44.






For solution see page 44.

and Batty Numbers A2 Digit Numbers and Addition to 25
Using the digits in the bat -
What is the smallest 2 digit number you can make?

What is the largest 2 digit number you can make?

What is the smallest 2 digit even number you can make? $\qquad$
What is the largest 2 digit odd number you can make? $\qquad$
Find $\mathbf{3}$ numbers in the bat that add to 11 . $\qquad$
Find $\mathbf{3}$ numbers in the bat that add to 16 . $\qquad$
Find $\mathbf{4}$ numbers in the bat that add to 23 . $\qquad$

## 

 Using the digits in the bat What is the smallest 2 digit number you can make?What is the largest 2 digit number you can make?


What is the smallest 2 digit even number you can make? $\qquad$
What is the largest 2 digit even number you can make? $\qquad$
Find $\mathbf{3}$ numbers in the bat that add to $\mathbf{1 5}$. $\qquad$
Find 3 numbers in the bat that add to 19 . $\qquad$
Find $\mathbf{4}$ numbers in the bat that add to 25 .


What is the largest 2 digit number you can make?

What is the smallest 2 digit even number you can make?
What is the largest 2 digit odd number you can make?
Find $\mathbf{3}$ numbers in the bat that add to 11. $\qquad$ 5, 4, 2 (one possible solution)

Find $\mathbf{3}$ numbers in the bat that add to 16. $\qquad$ 3,4,9 (one possible solution)

Find 4 numbers in the bat that add to 23. $\qquad$ 3, 5, 9, 6 (one possible solution)

## 

Using the digits in the bat What is the smallest 2 digit number you can make?

## 13

What is the largest 2 digit number you can make?


What is the smallest 2 digit even number you can make? $\qquad$
What is the largest 2 digit even number you can make? $\qquad$ 86

Find $\mathbf{3}$ numbers in the bat that add to 15 . $\qquad$
Find 3 numbers in the bat that add to 19 . $\qquad$ 7, 8,4 (one possible solution)

Find 4 numbers in the bat that add to 25 .


## Batty Numbers B 3 Digit Numbers and Addition to 100

Using the digits in the bat What is the smallest 3 digit number you can make?

What is the largest 3 digit number you can make?


What is the smallest 3 digit even number you can make? $\qquad$
What is the largest 3 digit odd number you can make? $\qquad$
What is the closest number to 500 that you can make? $\qquad$
What is the closest number to 700 that you can make? $\qquad$

## 

Using the numbers in the bat -
Find 2 numbers in the bat that add to 40.

Find 2 numbers in the bat that add to 45 .


Find 2 numbers in the bat that add to 61. $\qquad$
Find 3 numbers in the bat that add to 53. $\qquad$
Find 4 numbers in the bat that add to 100.


#  

Using the digits in the bat -
What is the smallest 3 digit number you can make?

What is the largest 3 digit number you can make?

What is the smallest 3 digit even number you can make? $\qquad$


126
What is the largest 3 digit odd number you can make? $\qquad$
973
What is the closest number to 500 that you can make? $\qquad$ 397

What is the closest number to 700 that you can make? $\qquad$ 697

## 

Using the numbers in the bat -
Find 2 numbers in the bat that add to 40 . 21, 19

Find $\mathbf{2}$ numbers in the bat that add to 45 .
32, 13


Find 2 numbers in the bat that add to 61 . $\qquad$ 19,42

Find 3 numbers in the bat that add to 53 . $\qquad$ 13,21, 19

Find $\mathbf{4}$ numbers in the bat that add to $\mathbf{1 0 0}$. $18,19,21,42$


## spider web Pathways

In each spider web, start at the spider and color a path that adds to the number above the spider.
Each path must end on one of the outer circles. The first one is done to show you what to do.


## spider Web Pathways





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Halloween Math Brain Teasers

Different Formats
Each Brain Teaser is presented in 2 different formats.
This allows the cards
to be used in three different ways.
Large Card size with 2 to a page.
Mini Card size with 6 to a page.
Worksheet - the mini cards with 6 to a page can also be used as a worksheet. Just print one for each student.

How many pumpkins do I have?


Look at the candy pattern below.
9.
Skeleton and Ghost have played a game. For each adult that
they scare they score 3 points. For each child that they scare
they score 1 point.
Skeleton has scared 2 adults and 3 children and Ghost has
scared 1 adult and 5 chidren. Who is winning the game and
what is the winners score?
10.
How many people are at the party?
There are more than 15 and less than 25 .
If we play a game with teams of 3 there
will be 2 people left out.
If we play a game with teams of 4 there
will be 3 people left out.


Halloween Brain Teasers A
Pumpkins
How many pumpkins do I have?
If I give half of my pumpkins to my
friend Tom and then give half of what
is left to my friend Zara, I will have 6

left. | There are 13 animals in the house. |
| :--- |
| They are all cats and bats. If there are |
| each are there? bats, how many of |

Halloween Brain Teasers $\beta$


## Halloween Math Brain Teasers solutions

1. Pumpkins

24 pumpkins
2. Cats and Bats

8 cats and 5 bats
3. Batty Says Boo

60 times
4. Spider Patterns

12
5. Candy Bowl

Green 21, Purple 7
6. Spooky's Favorite Number

28
7. Candy Patterns

8. Bat Totals

8 and 12
4, 6 and 10
9. Scary Game

Skeleton - 9 points
10. Halloween Party

23 people
11. Candy Sharing

27 pieces of candy
12. Spiders and Cats

Spider - 1
Cats - 8

## Halloween Math Puzzles solutions

Spider Covers Solution One possible solution is shown.


Spooky Sudoku Solution
One possible solution is shown.
P - Pumpkin
C - Cat
S - Spider
B - Bat

| S | B | C | P |
| :---: | :---: | :---: | :---: |
| C | P | S | B |
| P | C | B | S |
| B | S | P | C |

15 Pumpkins Solution
One possible solution is shown.

| 6 | 1 | 8 |
| :--- | :--- | :--- |
| 7 | 5 | 3 |
| 2 | 9 | 4 |

I would like to take this opportunity to thank you for ordering Halloween Math Games, Puzzles and Brain Teasers and to wish you and your students lots of fun with these activities!

If you and your students enjoy these activities please consider leaving a comment and rating for the product at http://www.teacherspayteachers.com/Product/Halloween-Math-Games-Puzzles-and-Brain-Teasers .

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towards future TpT purchases.
Kind regards,
Teresa
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