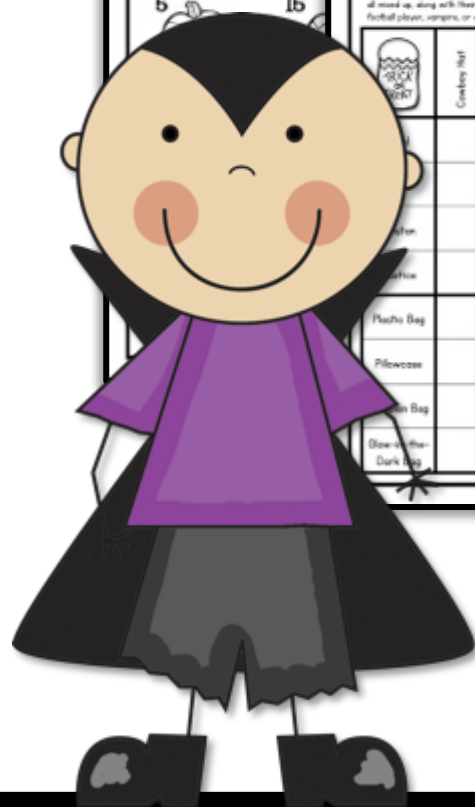


HALLOWEEN NO-PREP MATH



Created By:
Shelly Rees

Name: _____ Date: _____

PRIME PUMPKINS

Directions: If the pumpkin has a prime number, color it orange. If it has a composite number, color it purple. Remember, if a number has exactly 2 factors, it is prime. If it has more than 2 factors, it is composite. For example, 2 is prime, since 1 and 2 are its only factors. 4 is composite, since 1, 2, and 4 are its factors.

8 7

6 16

Name: _____ Date: _____

HALLOWEEN MIX-UP

Four friends are ready to go trick-or-treating, but there is a problem. Pieces to their costumes are all mixed up, along with their trick-or-treat bags. Solve to find out which bag is dressed as a candy, a trick-or-treat bag, a vampire, or a clown, and which type of bag they want.

	Candy Bag	Trick-or-Treat Bag
	Vampire Costume	Clown Costume
	Clown Costume	Vampire Costume
	Trick-or-Treat Bag	Candy Bag

Name: _____ Date: _____

A HALLOWEEN RIDDLE

Directions: Complete each multiplication problem. Find the product at the bottom. Write the letter of the product to find the answer to the riddle.

H $32 \times 5 =$	P $62 \times 9 =$	T $47 \times 2 =$
B $85 \times 3 =$	I $42 \times 21 =$	H $78 \times 6 =$
U $63 \times 45 =$	A $82 \times 11 =$	I $93 \times 4 =$
2 $21 \times 36 =$	N $822 \times 96 =$	M $724 \times 8 =$

Name: _____ Date: _____

FRIGHTENING FACTOR FIND

Directions: Help the ghost find his way to the haunted house! If the number is a factor of 60, color the spot orange. If the number is not a factor of 60, color the spot purple. The ghost will have found a path to his haunted house!

13 9 25 15

6 7 30 1

7 20 5

9 1 60 3

10 8 40 9

11 20 40

4 6 18 0

15 7 8 9 13

21

Name: _____ Date: _____

CREEPY CARTS

Directions: It's time to do some scary shopping! Calculate the total cost of each cart's combination of items below. Write the amount on the line.

1. Witch hat, 1 candy, 3 pumpkins _____
2. Haunted house & 2 pumpkins _____
3. Ghost, witch hat, 3 bats _____
4. 5 candy corns & 2 spiders _____
5. Trick-or-treat bag & 1 candy _____
6. 13 spiders, 1 witch, & 1 ghost _____
7. 4 witch hats & 2 candy corns _____
8. 3 ghosts & 2 haunted houses _____
9. 20 pumpkins & 9 bats _____
10. One of each item! _____

BONUS:

Which number above is the most expensive combination? _____

Which number above is the least expensive combination? _____

What is the difference between the most expensive and the least expensive combinations? _____

Name: _____ Date: _____

GHOSTLY MATCH-UP

Directions: Solve the problem on each ghost. Draw a line from the ghost to the pumpkin with the correct answer.

	$76 \div 4 =$		$36 \div 3 =$
	$53 \div 4 =$		$8 \div 7 =$
	$978 \div 3 =$		$8 \div 5 =$
	$387 \div 5 =$		$77 \div 2 =$
	$87 \div 4 =$		



NO-PREP PRINTABLE PAGES

Name: _____ Date: _____

PRIME PUMPKINS

Directions: If the pumpkin has a prime number, color it orange. If it has a composite number, color it purple. Remember, if a number has exactly 2 factors, it is prime. If it has more than 2 factors, it is composite. For example, 2 is prime, since 1 and 2 are its only factors. 4 is composite, since 1, 2, and 4 are its factors.

8 7 12

6 16 17

11 25 18

36 29 3

23 20 41

Name: _____ Date: _____

HALLOWEEN MIX-UP

Four friends are ready to go trick-or-treating, but there is a problem. Places to their costumes are all mixed up, along with their trick-or-treat bags. Solve to find out which boy is dressed as a cowboy, football player, vampire, or clown, and which type of bag they want.

	Cowboy Hat	Football Helmet	Blank Cape	Funny Wig	Plastic Bag	Pillowcase	Pumpkin Bag	Glow-in-the-Dark Bag
Joel								
Oabe								
Tristen								
Justin								
Plastic Bag								
Pillowcase								
Pumpkin Bag								
Glow-in-the-Dark Bag								


HELPFUL HINTS

- Joel does not wear anything on his head.
- Oabe collects his candy with a pillowcase.
- The cowboy uses a plastic bag.
- Neither Oabe nor Tristen dressed as a clown.
- The clown did not carry a glow-in-the-dark bag.

Name: _____ Date: _____

A HALLOWEEN RIDDLE

Directions: Complete each multiplication problem. Find the product of the letters. Write the letter of the product to find the answer to the riddle.

H	P	T
$32 \times 5 =$	$62 \times 9 =$	$47 \times 2 =$
$85 \times 3 =$	$42 \times 21 =$	$78 \times 63 =$
$59 \times 45 =$	$82 \times 11 =$	$93 \times 47 =$
$521 \times 36 =$	$822 \times 5 =$	$12 \times 11 =$
$99 \times 5 =$	$84 \times 71 =$	$116 \times 23 =$
$38 \times 92 =$	$77 \times 56 =$	

Halloween Riddle
How do you fix a jack-o-lantern?

5,364	4,371	94	160
3,496	558	2,655	36,524
4,235	297	882	78,090
255	902	18,756	2,668
4,914			

Name: _____ Date: _____

FRIGHTENING FACTOR FIND

Directions: Help the ghost find his way to the haunted house! If the number is a factor of 60, color the spot orange. If the number is not a factor of 60, color the spot purple. When you are finished, the ghost will have found a path to his haunted house!

60

13 9 25 12

6 7 30 15

7 20 6

9 10 10

2 8 3 7 20

4 11 20 40 9

15 6 18 0

7 8 9 13

Name: _____ Date: _____

CREEPY CARTS

Directions: It's time to do some scary shopping! Calculate the total cost of each cart's combination of items below. Write the amount on the line.

1. Witch hat, 1 candy, 5 pumpkins _____
2. Haunted house & 2 pumpkins _____
3. Ghost, witch hat, 8 bat _____
4. 5 candy corns & 2 spiders _____
5. Trick or treat bag & 1 candy _____
6. 13 spiders, 1 witch, 1 ghost _____
7. 4 witch hats, 1 haunted house _____
8. 3 ghosts & 1 haunted house _____
9. 20 pumpkins & 9 bats _____
10. One of each item _____

BONUS:
Which number above is the most expensive combination?




Which number above is the least expensive combination?

What is the difference between the most expensive and the least expensive combinations? _____

Name: _____ Date: _____

GHOSTLY MATCH-UP

Directions: Solve the problem on each ghost. Draw a line from the ghost to the pumpkin with the correct answer.

54-1	22	78-4	36-3
	11	53-6	
	30-5		
8-5	65-4		77-2
	194		32
	185-7		
	1965-3		
	582-3		

MATH CONCEPTS:

- Prime Numbers
- Logic Puzzle
- Factors
- Money Problems
- Double Digit Multiplication
- Whole Number Division



ANSWER KEYS INCLUDED

Three Halloween-themed worksheets are displayed, each featuring an answer key. The worksheets are titled "PRIME PUMPKINS", "HALLOWEEN MIX-UP", "FRIGHTENING FACTOR FIND", "A HALLOWEEN RIDDLE", "GHOSTLY MATCH-UP", and "CREEPY CARTS".

PRIME PUMPKINS ANSWER KEY

Four friends are ready to go trick-or-treating, but there is a problem. Place all mixed up, along with their trick-or-treat bags. Solve to find out which boy is football player, vampire, or clown, and which type of bag they carried.

HALLOWEEN MIX-UP ANSWER KEY

Four friends are ready to go trick-or-treating, but there is a problem. Place all mixed up, along with their trick-or-treat bags. Solve to find out which boy is football player, vampire, or clown, and which type of bag they carried.

FRIGHTENING FACTOR FIND ANSWER KEY

Directions: Help the ghost find his way to the haunted house! If the number is a factor of 60, color the spot orange. If the number is not a factor of 60, color the spot purple. When you are finished, you will have found a path to his haunted house!

A HALLOWEEN RIDDLE ANSWER KEY

Directions: Complete each multiplication problem. Find the product at the bottom. Write the letter of the product to find the answer to the riddle.

Problem	Product	Letter
$32 \times 5 = 160$	160	T
$62 \times 9 = 558$	558	P
$85 \times 3 = 255$	255	I
$42 \times 21 = 882$	882	A
$59 \times 45 = 2,655$	2,655	N
$82 \times 11 = 902$	902	K
$521 \times 36 = 18,756$	18,756	U
$99 \times 3 = 297$	297	M

Riddle: What is it? It is orange and green. It is round and has a stem. It is a vegetable. What is it?

Answer: Pumpkin

GHOSTLY MATCH-UP ANSWER KEY

Directions: Solve the problem on each ghost. Draw a line from the ghost to the pumpkin with the correct answer.

CREEPY CARTS ANSWER KEY

Directions: It's time to do some scary shopping! Calculate the total cost of each cart's combination of items below. Write the amount on the line.

1. Witch hat, 1 candy, & pumpkin: \$2.37

2. Haunted house & 2 pumpkins: \$34.98

3. Ghost, witch hat, & bat: \$8.58

4. 20 pumpkins: \$2.70

5. One of each item: \$53.91

6. Most expensive combination: \$7.25

7. Least expensive combination: \$4.19

8. Difference between the most expensive and least expensive combinations: \$270.74