

Name _____

Date _____

Brandon, Lauren, Kylie, Robert, and Ashley went trick or treating together. They each wore a different costume (a ghost, a pirate, Spiderman, a witch, and a ghost). At the end of the day, each of them counted the number of pieces of candy they collected. They each collected a different amount of candy (63, 77, 83, 54, and 84).

Figure out the costume worn by each person and the amount of candy each person collected.

1. Brandon was not a pirate.
2. The boys (Robert and Brandon) costumes included a pirate and Spiderman.
3. Lauren and Kylie collected a total of 161 pieces of candy.
4. The ghost collected 77 pieces of candy.
5. The pirate collected 83 pieces of candy.
6. Ashley and Lauren collected a total of 140 pieces of candy.
7. The witch collected the most pieces of candy.

Answer: Brandon, Spiderman, 54
Lauren, ghost, 77
Kylie, witch, 84
Robert, pirate, 83
Ashley, ghost, 63

1. How many ghosts are in the haunted house? Here are some clues: There are more than the number of days in October. There are less than the product of 7 and 5. The answer is an odd number. (33)

2. Glenda Witch went for a little broom flight on Halloween night. She flew more miles than the number of letters in "witch." She flew less miles than the number of letters in "pumpkin." How many miles did she fly? (6)

3. Sylvester Skeleton went out to frighten the kids on Halloween night. He fell down, and you guessed it, he suffered some broken bones. The doctor said it would take seven weeks for him to heal. In what month would he be healed? (November)

4. There were 24 apples given out to the children at Faith's Halloween party. Each child got three apples. How many children were at the party? (8)

Halloween Problems

1. Pedro bought seven dozen candy bars to give out on Halloween night. He gave each trick-or-treater two candy bars. At the end of the night, he had 14 candy bars left. He gave candy bars to _____ trick-or-treaters. **(35)**

2. How many ghosts
Are behind the haunted gate?
Fourteen times the sum
Of five and two and eight?
Not quite, divide that number
by two dozen divided by eight
And you will know the number
of ghosts behind the gate.

How many ghosts are behind the haunted gate? **(70)**

3. Which is the greater number of pumpkins?

- a. seven porches with eight pumpkins each
- b. eight porches with seven pumpkins each
- c. fifty-eight porches with one pumpkin each
- d. one porch with five dozen pumpkins

(d)

4. Which statement is incorrect?

- a. If you take eight witch's brooms that are each two metres long and lay them end to end, they will be sixteen metres long altogether.
- b. One fourth of a pumpkin pie is 25% of a pumpkin pie.
- c. One skeleton plus one skeleton equals one skeleton.
- d. Fifteen monsters minus fifteen monsters equals no monsters. **(c)**

Pumpkin Problems

1. Ronnie is getting ready for his annual pumpkin sale. He's set up 30 rows of pumpkins with 125 pumpkins in each row. How can he figure out how many pumpkins that is?

- a. Add 125 plus 30.
- b. Subtract 30 from 125. (c)
- c. Multiply 125 by 30.
- d. Divide 125 by 30.

2. Farmer Cheryl expects to sell 5,000 pumpkins at her sale. She is charging seven dollars per pumpkin. How can she figure out the total revenue (money taken in) from the sale?

- a. Add five thousand dollars plus seven dollars.
- b. Subtract seven dollars from five thousand dollars.
- c. Multiply five thousand dollars by seven dollars.
- d. Multiply five thousand by seven dollars. (d)

3. Carla bought a pumpkin at the supermarket for \$8.99 and sold it to Anthony for \$10.99. What was her profit (money she came out ahead)?

- a. \$2.00 (a)
- b. \$19.98
- c. She didn't make any profit at all.
- d. Some unknown amount over twenty dollars.

4. Which is a better price for three pumpkin pies?

- a. Three pies for six dollars
- b. Two dollars each
- c. Buy two pies for three dollars each and get a third pie for free.
- d. All of the above deals are the same. (d)

Halloween Problems

1. Anita bought eight pounds of Halloween candy for \$7.28. Brenda bought half a dozen pounds of the same kind of candy for \$5.70. **Anita** paid **2.5 cents** more per pound than **Brenda**.

2. Cassy Witch flies to school every morning on her trusty old broom. She flies at sixteen km per hour and it takes her half an hour to get there. She flies home at a speed of twenty-four km per hour. How long does it take her to fly home? **(20 minutes)**

3. Gavan paid \$17.00 for his space monster Halloween costume. Brienne paid \$15.00 for her ocean creature costume. The next day, both costumes went on sale for 20% (one fifth) off. If they had waited until the sale, the total cost of their costumes would have been **\$25.60**.

4. All Matt had to do to walk to the top of the haunted stairway was to take thirteen steps. However, his nervousness caused him to do it in a strange way. He kept taking three steps up and one step back. How many steps did he take to reach the top of the stairway? **(18)**

Halloween Scene

1. Diego is buying his Halloween costume. He will either buy a gray dinosaur suit for nine dollars or a green teacup outfit for \$ 14.95. How much will he save by buying the less expensive costume? **(\$5.95)**

2. Patty is selling the 180 pumpkins she's grown. She will charge the same price for each pumpkin. She wants to collect at least 200 dollars from selling them all. How can she figure out the minimum (least) price she needs to charge for each pumpkin?

a. She should subtract \$ 180.00 from \$ 200.00.

b. She should multiply 180 times \$ 200.00.

c. She should divide \$ 200.00 by 180.

(c)

d. She should divide 200 dollars by 180 dollars.

3. Ryan used up seven bags of candy corn at his Halloween party last year. There were 15 people at that party. This year, there will be 30 people at his Halloween party. What is a reasonable estimate of the number of bags he'll need for this year's party?

a. 22

b. 52

c. 37

(d)

d. 14

4. Anne is dressing up as a sore throat for Halloween. Her costume will cost \$ 43.99. She has a twenty dollar bill, a ten dollar bill, a five dollar bill, and a lonnie. She also has two quarters. How much more money does she need to but the costume? **(\$7.49)**