

Pumpkin Ag Mag - Vocabulary

Synonyms and Antonyms

Directions: Choose the answer that means the same or about the same as the underlined word.

1

Insects help pollinate pumpkin blossoms.

- A Destroy
- B Ignore
- C Fertilize
- D Neglect

2

90% of the pumpkins used for processing are grown in Illinois.

- A Neglect
- B Products
- C Attributes
- D Types

3

Do you know how the tradition of carving pumpkins got started?

- A Custom
- B Skepticism
- C Deviation
- D Irregularity

4

Scientists look for and keep track of traits in pumpkins.

- A Attributes
- B Links
- C Guests
- D Faces

Pumpkin Ag Mag - Vocabulary

Synonyms and Antonyms

Directions: Choose the answer that means **opposite** of the underlined word.

5

Native Americans developed a way to grow pumpkins.

- A Expanded
- B Cultivated
- C Eliminated
- D Refined

6

Pumpkins are harvested when they are a deep, solid orange color and the rind is hard.

- A Collected
- B Planted
- C Taken
- D Plucked

7

Pumpkins provide many nutrients for your body when eaten.

- A Remove
- B Furnish
- C Replenish
- D Sustain

8

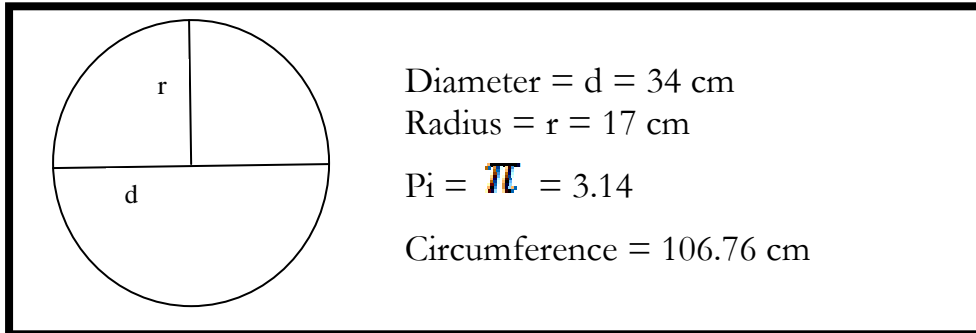
Some pumpkin farms have over 400 varieties of pumpkins.

- A Types
- B Kinds
- C Strains
- D Uniformities

Pumpkin Ag Mag - Math

Relationship between Pi, Diameter, Radius, and Circumference

Directions: Choose the best answer. Use the diagram below for reference.



1

Radius =

- A diameter + 2
- B diameter - 2
- C diameter \div 2
- D diameter \times 2

2

The circumference of a circle divided by the diameter of the circle is _____.

- A radius
- B pi
- C diameter
- D π

3

The diameter of a circle is _____ times the radius of the circle.

- A 17
- B 3.14
- C 34
- D 2

4

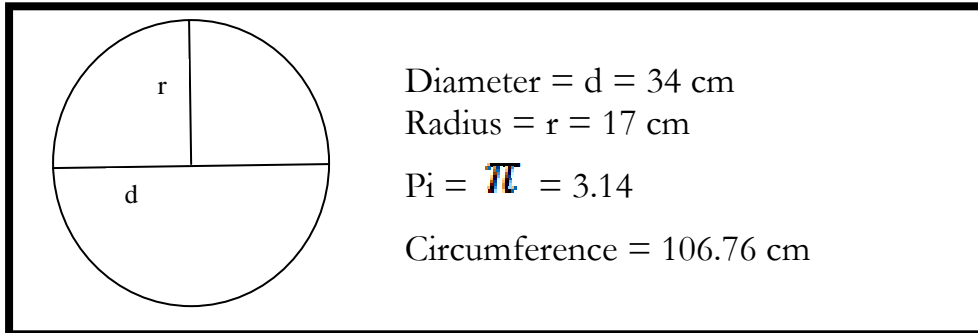
The circumference of a circle is _____ times its diameter.

- A 2
- B 17
- C 3.14
- D none of the above

Pumpkin Ag Mag - Math

Relationship between Pi, Diameter, Radius, and Circumference

Directions: Choose the best answer. Use the diagram below for reference.



5

If the diameter of a circle is 13 cm, what is the circumference of the circle?

- A 40.82 cm
- B 6.5 cm
- C 26 cm
- D 20.41 cm

6

The radius of a circle is 24 inches. What is the diameter of the circle?

- A 12 cm
- B 24 cm
- C 48 cm
- D 75.36 cm

7

If the circumference of a circle is 84.78 cm, which equation would help you to find the diameter of the circle?

- A $84.78 - 3.14 = d$
- B $3.14 \times d = 84.78$
- C $2 \times 3.14 = d$
- D $84.78 \div 2 = d$

8

The circumference of a circle is 37.68 inches. What is the radius of the circle?

- A 3.14 inches
- B 12 inches
- C 18.84 inches
- D 6 inches

Pumpkin Ag Mag - Reading Passage

Taken from "The Good Little Pumpkin" by The Orsini Family

There was once a pumpkin that lived on a farm with a very kind farmer and lots of other pumpkins. The farmer was a good man who loved his pumpkins very much, and he always spoke kindly to them. He came to see them every day, and when he visited them, he taught them about being their very best.

Every morning, the farmer sang sweet songs to his pumpkins. Then, after lunch, he told them to sit very still and soak up the sunshine. Finally, as it began to get dark each evening, the kind farmer came to his pumpkins and told them to drink up water through their roots very slowly. (It's kind of like drinking through a straw when pumpkins drink water through their roots.) Then, when it was time to go to bed, he came again and told them all to go to sleep and get plenty of rest so that they could grow up big and strong.

When they were all little, the pumpkins were very good and loved each other. It was perfect! But the pumpkins began to grow, and as they did, they all changed. Each one got stronger, fatter, and could do more things. Everyone except our sweet little pumpkin. Instead of growing bigger, she stayed small, and when all of the other pumpkins began staying up late or would not soak up the sun or drink their water, our little green pumpkin kept being good. She obeyed the farmer even when everyone else didn't.

The little pumpkins had heard the story of the seed pumpkin. Each year, the farmer chose a very special pumpkin that he didn't cook. That pumpkin was always the biggest and most beautiful pumpkin of them all. The farmer would choose this big pumpkin, take out all of the seeds, and plant those seeds for next year's harvest. The good little pumpkin's mother had been the seed pumpkin last year. This year, her biggest dream was to be chosen, too.

The harvest party finally came, and the farmer was very busy in his house. He didn't even come out to speak to them that morning. Still, they weren't sad. They were too busy feeling excited because this was the day that the seed pumpkin would be chosen. "We all know who that's going to be," one of the pumpkins said, and everyone agreed. "Who?" said the good little pumpkin, but no one would answer her. They just smiled at her.

Pumpkin Ag Mag - Reading Passage

Directions: Read each question and choose the best answer.

1

The main character in this story is _____.

- A The farmer
- B The good little pumpkin
- C The Harvest party
- D The farmer's wife

2

Which of the following events comes first in chronological order?

- A The Harvest party day arrives.
- B The farmer chooses the very special pumpkin he didn't cook.
- C The pumpkins drink water up through their roots.
- D The farmer sings sweet songs to the pumpkins.

3

What do you think is the theme of this story?

- A Pumpkins make good pies.
- B Farming is hard work.
- C Following directions pays off in the end.
- D Drinking water makes you grow.

4

Who do you think will be chosen as the seed pumpkin?

- A The largest pumpkin.
- B The oldest pumpkin.
- C The good little pumpkin.
- D The pumpkin that is the most orange.

Pumpkin Ag Mag - Reading Passage

Directions: Read each question and choose the best answer.

5

Why does the farmer tell the pumpkins to soak up the sun and drink up the water?

- A So they will go to bed early.
- B So they can grow up big and strong.
- C So he can count them.
- D So he can see who listens.

6

As the pumpkins grew older, how did they change?

- A They started not to listen to the farmer.
- B They started hiding from the sun.
- C They started growing in different directions.
- D They started fighting with each other.

7

What is the littlest pumpkin's dream?

- A To grow big.
- B To be chosen.
- C To be cooked.
- D To be the best.



Extended Response—PUMPKIN

Visiting pumpkin farms in the fall to pick your own pumpkin and explore the other festivities has been a tradition that has grown over the years. Discuss other traditions that relate to agriculture. Consider that many traditions revolve around food.