

Apple Ag Mag - Vocabulary - Antonym/Synonym

Directions: Read each item. Choose the word(s) that mean the same or about the same as the underlined word.

1

As apples ripen, the amount of starch decreases, and it is converted into sugar.

- A develops
- B grows
- C lessens
- D raises

2

Apples are ripe when most of the starch becomes sugar.

- A immature
- B aged
- C undeveloped
- D raw

3

The apples left on the tree can grow bigger because there is less competition for nutrients.

- A cooperation
- B assistance
- C excitement
- D struggle

4

New trees created by grafting or budding live in a protected nursery for about twelve months before they are replanted in an orchard.

- A guarded
- B insecure
- C unsheltered
- D vulnerable

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Directions: Read each item. Choose the word(s) that mean the opposite of the underlined word.

5

The soluble fiber in apples works to regulate blood sugar and prevent its sudden fluctuation.

- A hurried
- B fast
- C slow
- D quick

6

Each variety of apples requires different conditions so computers help keep the specified conditions constant.

- A consistent
- B changeable
- C stable
- D unchanging

7

Since every apple seed is made from its own unique set of genetic material, you can plant 10 seeds from a single apple and get 10 entirely different kinds of apples.

- A specific
- B peculiar
- C usual
- D individual

8

The GoldRush is a great apple to grow because it has qualities that make it resistant to common diseases.

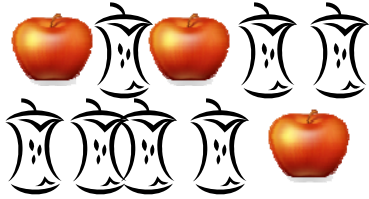
- A everyday
- B rare
- C familiar
- D simple

Apple Ag Mag - Math

Directions: Choose the best answer.

1

Which fraction shows how many of the apples are whole?



- A $\frac{2}{3}$
- B $\frac{3}{5}$
- C $\frac{1}{6}$
- D $\frac{3}{10}$

2

If I have nine apples and I eat three apples and give two apples to my friend Kim, how many apples do I have left?

- A 4
- B 5
- C 6
- D 7

3

We collected 12,840 apples from 3 orchards. The same number of apples were taken from each orchard. How many apples were taken from each orchard?

- A 4280
- B 9312
- C 6420
- D 2364

4

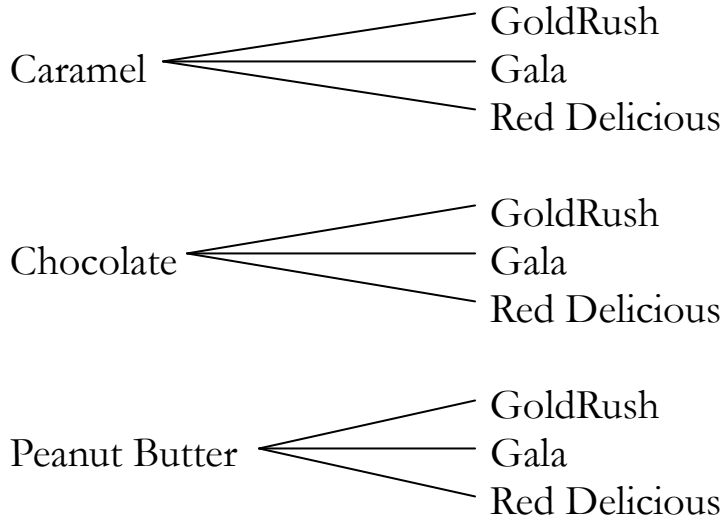
I picked 20 apples while at Mr. Rush's farm to take home and bake in a pie. If I used 50% of the apples I picked in my pie, how many apples did I use?

- A 10
- B 8
- C 12
- D 6

Apple Ag Mag - Math

Directions: Read the following Use the following tree diagram to answer questions 7 and 8.

Jackie has a GoldRush apple, a Gala apple, and a Red Delicious apple. She has caramel, chocolate, and peanut butter to use as toppings for her apples.



5

How many possible choices does Jackie have to choose from?

- A 12
- B 9
- C 3
- D 6

6

If Jackie decides she doesn't want a Red Delicious apple, how many choices does she have?

- A 12
- B 9
- C 3
- D 6

Apple Ag Mag - Reading Passage

Apples to Oregon

by Deborah Hopkinson & Nancy Carpenter

My daddy loved growin' apples. And when he got ready to pull up roots and leave Iowa for Oregon, he couldn't bear to leave his apple trees behind.

So Daddy built two of the biggest boxes you could ever hope to see. He set them into a sturdy wagon and shoveled in good, wormy dirt. Then he filled every inch with little plants and trees. Hundreds of them!

Daddy was ready for the most daring adventure in the history of fruit. "Apples, ho!" he cried.

Along with apples, my daddy took peaches, pears, plums, grapes, and cherries. Oh, and by the way, he took us along, too.

We had lots to do on the journey. Each morning I helped Momma bake biscuits, while Daddy prepared for another long day on the trail. At night Momma and I tucked in the little ones; then Daddy fiddled lullabies under the stars.

We ran into some trouble on our way to Oregon. My daddy looked me square in the eye and said, "Delicious, I'm gonna need your help." I felt so special!

Sure enough, all Daddy's trees survived, just as if they'd come across the plains in a swanky carriage. We floated them on boats down the mighty Columbia to a pretty place near Portland. Then we planted them in that sweet Oregon dirt at last.

Gold was discovered in California not long after, and thousands of people rushed there to seek their fortunes.

But not us. We already had our fortune. Those apples, peaches, pears, plums, grapes, and cherries made us richer than any prospector.

We were happier, too. After all, apples taste a whole lot better than gold.

Apple Ag Mag - Reading Passage

Directions: Read each question and choose the best answer.

1

Who is narrating this story?

- A Portland
- B Delicious
- C Momma
- D Daddy

2

Why does the family decide not to go to California?

- A There is no gold.
- B They couldn't get a ride.
- C They had no money.
- D They were happy with their trees.

3

How does Daddy feel about his trees?

- A He loves his trees and takes good care of them.
- B He doesn't care about the trees.
- C He wants to leave them behind.
- D He wants to cut the trees down.

4

Daddy took along all of the following trees except

- A Pears
- B Cherries
- C Pecans
- D Plums

Apple Ag Mag - Reading Passage

Directions: Read each question and choose the best answer.

5

This story is an example of which genre?

- A Fiction
- B Nonfiction
- C Science fiction
- D None of the above

6

In this passage, swanky means about the same as

- A Modest
- B Poor
- C Dirty
- D Fancy



Extended Response

Each variety of apple has its own distinct characteristics. Of the six varieties discussed in the Apple Ag Mag, which apple would be best for use in making an apple pie and why? Be sure to include information from your own knowledge along with information from the reading in your response.