TEST BEST

ON THE

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TESTS OF BASIC SKILLS®

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Test Best

on the Iowa Tests of Basic Skills

Level 11

Contents

Acknowledgments

The February wind blew chill across the prairie. Mae and Milly huddled together in the wagon, trying to stay warm. Soon their father would stop to make camp for the night. Then they could build a fire to warm themselves. The sisters watched their mother. She was swaying with the motion of the wagon as she mended their clothes. When they reached their new home on the frontier, there would be no store nearby to buy new things. They would have to make do with what they had. That seemed both scary and exciting to the girls. This move was really an adventure.

Suddenly the girls heard their father shout, "Quick! Come up here and look at this!" The girls and their mother crawled to the front of the wagon, opened the flap, and looked out upon a large herd of buffalo. The powerful animals with their brown shaggy coats moved slowly toward the south. They kept their backs to the wind, which seemed to blow colder as the day progressed.

"This might be a good stopping place. It looks like we might be in for some bad weather," said Father. Clouds were gathering on the northern horizon as the family prepared for the night. Mae helped her father look for dry brush to start a fire, while Milly and her mother made preparations for dinner. They all worked quickly, sensing that they had a long, hard night ahead.

12 According to the story, how many family members are making the journey?

    J Three

    K Four

    L Five

    M Seven

13 This story most likely was written to

    A describe how to mend clothes.

    B tell about a family's journey west.

    C teach the reader how to make camp.

    D describe how buffalo cross the prairie.

14 The family was traveling in

    J a canoe.

    K a railroad compartment.

    L a covered wagon.

    M a houseboat.

15 Why was the family expecting a long, hard night?

    A Because of trouble with the buffalo

    B Because the weather was threatening to turn bad

    C Because their food was lost on the journey

    D Because they had lost direction in a windstorm.

Answers

12 Ⓙ Ⓚ Ⓛ Ⓜ   14 Ⓙ Ⓚ Ⓛ Ⓜ

13 Ⓐ Ⓑ Ⓒ Ⓓ   15 Ⓐ Ⓑ Ⓒ Ⓓ

Lesson 9: Expressing Ideas Clearly

Directions: Darken the circle for the sentence or sentences that express the idea most clearly.

TRY THIS	Read each answer choice carefully. Look for the sentence or sentences that are clear and make the most sense.

S1 A The movie *Dick Tracy* is certainly better than *Batman*.

B Than *Batman*, the movie *Dick Tracy* is better, certainly.

C Certainly better than *Batman*, the movie is *Dick Tracy*.

D *Dick Tracy*, the movie, certainly than *Batman* is better.

THINK IT THROUGH	The correct answer is <u>A</u>. It is the only complete sentence. It is clear and makes sense. The other choices do not make sense.

STOP

1 A On the piano, Jake wanted to play a song that was out of tune.

B Jack wanted to play a song on the piano, but it was out of tune.

C Jake, out of tune, wanted to play a song on the piano.

D Even though out of tune, Jack wanted to play a song on the piano.

2 J A choice of grilled fish or ribs for dinner is what we have.

K For dinner, we have grilled fish or ribs, a choice.

L We have for dinner a choice of grilled fish or a choice of ribs.

M For dinner, we have a choice of grilled fish or ribs.

3 A Raccoons have a habit of washing their hands before eating.

B Before eating, raccoons wash their hands as a habit.

C It's a habit for raccoons before eating to wash their hands.

D Washing their hands is a habit of raccoons before eating.

4 J Uncle Alfredo bought a computer for our family that was expensive.

K Although expensive, Uncle Alfredo bought a computer for our family.

L Uncle Alfredo bought an expensive computer for our family.

M Being expensive, our family got a computer from Uncle Alfredo.

STOP

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Answers

S1 Ⓐ Ⓑ Ⓒ Ⓓ   2 Ⓙ Ⓚ Ⓛ Ⓜ   4 Ⓙ Ⓚ Ⓛ Ⓜ

1 Ⓐ Ⓑ Ⓒ Ⓓ   3 Ⓐ Ⓑ Ⓒ Ⓓ

24

Lesson 12: Using Probability and Statistics

Directions: Darken the circle for the correct answer.

| TRY THIS | To find the average (mean) of a set of numbers, first add the numbers. Then divide the sum by the number of addends in the set. |

S1 What is the average (mean) of this set of numbers {10, 9, 14, 11}?

A 9

B 11

C 44

D 55

| THINK IT THROUGH | The correct answer is B. The sum of the set of numbers is 44, and 44 ÷ 4 = 11. |

STOP

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1 With his eyes closed, which card will Cal most likely pick from the following cards?

A A

B B

C C

D D

2 What is the average (mean) of this set of numbers {15, 17, 21, 23}?

J 15   L 19

K 17   M 21

3 Which set of numbers shown here has the greatest average (mean)?

A {3, 4, 7}

B {1, 8, 2}

C {9, 7, 5}

D {5, 4, 5}

4 If Keiko spins the spinner, on which number is the spinner most likely to stop?

J 1

K 2

L 3

M 4

5 A red, a white, and a blue marble are in a box. If the blue marble is picked first, how many different ways can the other marbles be picked?

A 1

B 2

C 3

D 4

6 Which set of numbers shown here has the greatest average (mean)?

J {2, 9, 10}

K {7, 9, 15}

L {4, 10, 10}

M {10, 5, 6}

STOP

Answers

S1 Ⓐ Ⓑ Ⓒ Ⓓ   2 Ⓙ Ⓚ Ⓛ Ⓜ   4 Ⓙ Ⓚ Ⓛ Ⓜ   6 Ⓙ Ⓚ Ⓛ Ⓜ

1 Ⓐ Ⓑ Ⓒ Ⓓ   3 Ⓐ Ⓑ Ⓒ Ⓓ   5 Ⓐ Ⓑ Ⓒ Ⓓ

China Gate Restaurant

Appetizers

Egg Roll	$1.20
Fried Won Ton (6)	$1.25
Shrimp Toast (2)	$2.75
B-B-Q Spareribs (4)	$4.95

Fried Rice

Pork, Chicken, or Beef	$4.95
Shrimp	$5.50
Combo (Chicken, Beef, Shrimp)	$5.75

House Specialities

Chicken

Chicken with Snow Peas	$7.50
Cashew Chicken	$7.50
Lemon Chicken	$6.75
Almond Chicken	$6.95
Spicy Chicken and Vegetables	$7.75

Beef

Beef with Broccoli	$8.25
Hot Spiced Shredded Beef	$8.25
Beef with Snow Peas	$8.25
Beef with Mushrooms	$8.50
Spicy Beef and Vegetables	$8.25

Pork

Sweet and Sour Pork	$6.95
Shredded Pork	$7.95
Spicy Pork and Vegetables	$7.25

Vegetables

Hot Spiced Bean Curd with Vegetables	$6.25
Spicy Mixed Vegetables	$5.95
Mixed Vegetable Saute	$5.95

Chop Suey, Chow Mein

Pork, Beef, or Chicken	$6.55
Shrimp	$6.95
Vegetable	$5.95
Combination	$6.95

Beverages

Chinese Tea	$0.80
Coffee	$0.80
Iced Tea	$0.90
Soft Drink	$0.90

For questions 6–11, use the restaurant menu shown here. Do not add sales tax.

6 How much did Lena pay for an egg roll, an order of shrimp fried rice, and a soft drink?

J $6.55 L $7.90

K $7.60 M Not given

7 Mr. Shen ordered beef with broccoli and his wife ordered spicy mixed vegetables. How much more did Mr. Shen pay for his dinner than for his wife's dinner?

A $.95 C $2.20

B $1.80 D Not given

8 Dee Ann and Wendy shared an order of fried won ton and an order of spareribs. Each ordered a soft drink and they split the bill evenly. How much did they each pay?

J $3.35 L $4.00

K $3.60 M Not given

9 Dora had a coupon for 20% off any order. She ordered an egg roll, cashew chicken, and iced tea. How much did she save by using the coupon?

A $1.27 C $1.92

B $1.58 D Not given

10 Mrs. Kimball and her two children each ordered combo fried rice and iced tea. What was Mrs. Kimball's total bill?

J $18.80 L $21.35

K $19.95 M Not given

11 Bernard ordered shrimp toast, combination chop suey, and coffee. What was Bernard's total bill?
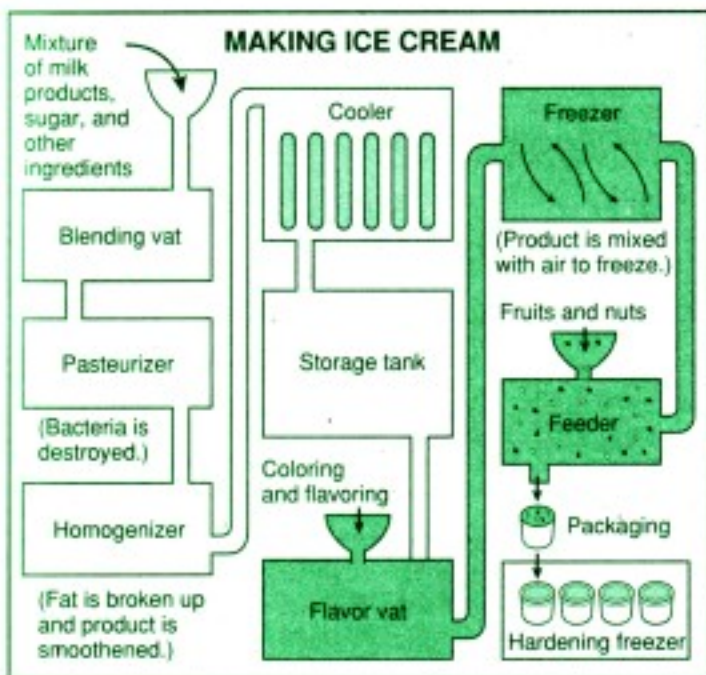
A $9.10 C $11.90

B $10.40 D Not given

STOP

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Answers

6 Ⓙ Ⓚ Ⓛ Ⓜ   8 Ⓙ Ⓚ Ⓛ Ⓜ   10 Ⓙ Ⓚ Ⓛ Ⓜ

7 Ⓐ Ⓑ Ⓒ Ⓓ   9 Ⓐ Ⓑ Ⓒ Ⓓ   11 Ⓐ Ⓑ Ⓒ Ⓓ

Use the diagram shown here to answer
questions 11–18.

MAKING ICE CREAM

Mixture of milk products, sugar, and other ingredients

Blending vat

Pasteurizer

(Bacteria is destroyed.)

Homogenizer

(Fat is broken up and product is smoothened.)

Cooler

Storage tank

Coloring and flavoring

Flavor vat

Freezer

(Product is mixed with air to freeze.)

Fruits and nuts

Feeder

Packaging

Hardening freezer

11 What does the diagram show?

A How ice cream is served

B How ice cream is shipped to stores

C How ice cream flavors are taste-tested

D How ice cream is made

12 How many total steps are shown on the diagram, starting with mixing the ingredients?

J 6

K 8

L 10

M 11

13 Where is the fat in the product broken up and the product made smooth?

A In the homogenizer

B In the pasteurizer

C In the feeder

D In the blending vat

14 What happens to the ice cream after fruit and nuts have been added?

J It is frozen.

K It is pasteurized.

L It is homogenized.

M It is packaged.

15 Which are added to the ice cream mixture at the same step in the process?

A Milk and nuts

B Fruit and fat

C Coloring and flavoring

D Fruit and flavoring

16 What happens to the ice cream mixture in the pasteurizer?

J Flavoring is added.

K Bacteria is destroyed.

L Ingredients are blended.

M Ingredients are frozen.

17 What is mixed with the ice cream ingredients to freeze the mixture?

A Air

B Fruits and nuts

C Milk

D Flavoring

18 Where is coloring added to the mixture?

J In the freezer

K In the blending vat

L In the flavor vat

M In the feeder

Answers

11 Ⓐ Ⓑ Ⓒ Ⓓ   13 Ⓐ Ⓑ Ⓒ Ⓓ   15 Ⓐ Ⓑ Ⓒ Ⓓ   17 Ⓐ Ⓑ Ⓒ Ⓓ

54   12 Ⓙ Ⓚ Ⓛ Ⓜ   14 Ⓙ Ⓚ Ⓛ Ⓜ   16 Ⓙ Ⓚ Ⓛ Ⓜ   18 Ⓙ Ⓚ Ⓛ Ⓜ