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Vendor:ACT

Exam Code:WORKKEYS

Exam Name:WorkKeys Assessment Test

Version:Demo

QUESTION 1

A doctor prescribes a medicine that must be taken 3 times a day for 4 days and then twice a day for 6 days. How many tablets will the pharmacist need to fill the prescription?

- A. 10
- B. 12
- C. 24
- D. 36
- E. 144

Correct Answer: C

QUESTION 2

Your fish tank has sprung a leak and needs to be replaced. Its dimensions are 3-feet by 2-feet 3-inches by 4-feet 6-inches. The new tanks are only available in metric sizes. Which of the following tanks is closest in size to your original tank?

- A. 0.91m; 69 cm; 1.37 m
- B. 14 cm; 11 cm; 21cm
- C. 0.91 m; 65 cm; 0.137 cm
- D. 0.95 m; 70 cm; 1.42 m
- E. 0.91 m; 68 cm; 1.6 cm

Correct Answer: A

QUESTION 3

Leroy bought a new video camera on sale for 20% off the regular price. If the regular price of the camera was \$670 and the sales tax rate is 7 %, what net price did he pay?

- A. \$144.50
- B. \$573.52
- C. \$576.20
- D. \$621.23

E. \$698.75

Correct Answer: C

QUESTION 4

Tom is buying some additional building materials to complete a job. The doors total \$219.00, the blocks total \$175.46, and the bags of cement total \$65.28. Using his trade discount he will receive 10% off on the blocks and bags of cement. Including 7% sales tax, what is the total cost of the materials?

A. \$442.73

B. \$448.74

C. \$466.16

D. \$473.53

E. \$537.90

Correct Answer: C

QUESTION 5

How many inches are there in 4 feet?

A. 12

B. 24

C. 36

D. 48

E. 52

Correct Answer: D

QUESTION 6

At the movies, Lucy bought food for herself and her friend Rachael, including: 1 box of popcorn to share at \$5 a box, 1 box of mints for each of them at \$2.50 a box, and 1 soda pop for each at \$2.75 each. Rachael bought both tickets for \$6.50 apiece. Who spent the most money and by how much?

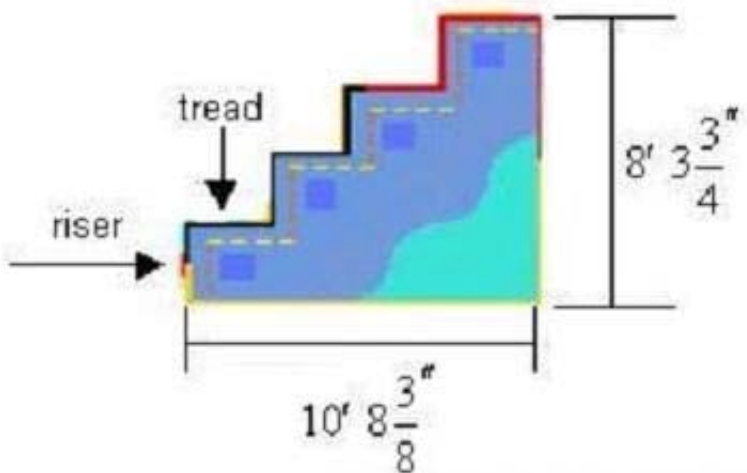
A. Rachael by \$2.50

- B. Rachael by \$2.75
- C. Lucy by \$2.75
- D. Lucy by \$2.50
- E. They both spent the same amount.

Correct Answer: D

QUESTION 7

A construction company is building a new staircase. You previously determined that there are to be 14 risers and 13 treads. However, you forgot to write down what the width of each tread should be. Determine the width of each tread.



- A. $6\frac{1}{2}''$
- B. $7\frac{1}{8}''$
- C. $7\frac{7}{8}''$
- D. $8\frac{1}{2}''$
- E. $9\frac{7}{8}''$

- A. Option A
- B. Option B
- C. Option C
- D. Option D
- E. Option E

Correct Answer: E

QUESTION 8

Jeremiah is an apprentice who earns \$9.50 an hour, with time and a half for overtime. Under a new contract, he will receive an 8% raise. Jeremiah figures that he will receive \$114.00 for working 8 hours of overtime under the new pay rate. If Jeremiah made an error in his calculations, what was it?

- A. He figured the overtime at the old pay rate.
- B. He used a 10% raise instead of 8%.
- C. He calculated the 8 hours at the new hourly rate instead of time and a half.
- D. He calculated for 10 hours of overtime instead of 8.
- E. He did not make an error in his calculations.

Correct Answer: A

QUESTION 9

Mitchell needs to find a container than can hold a large amount of water. There are various sizes from which to choose. Which of the following shapes would offer the greatest volume when filled?

- A. a cube with side length of 80 feet
- B. a cylinder with a diameter of 90 feet and a height of 7 feet
- C. a ball with a radius of 50 feet
- D. a ball with a diameter of 90 feet
- E. a cylinder with a radius of 70 feet and a height of 30 feet

Correct Answer: C

QUESTION 10

Your interior design company has been asked to determine how many square yards of carpet are needed to cover a floor 24 feet by 30 feet. How many square yards of carpet are needed?

- A. 40 square yards
- B. 80 square yards

- C. 240 square yards
- D. 720 square yards
- E. 1440 square yards

Correct Answer: B

QUESTION 11

The volume of a rectangular solid is 256 cubic inches. Which of the following dimensions of the rectangular solid gives the least surface area?

- A. 32" x 4" x 2"
- B. 16" x 4" x 4"
- C. 2" x 8" x 16"
- D. 4" x 8" x 8"
- E. 12" x 7" x 3"

Correct Answer: D

QUESTION 12

On the cardiac ward of a local hospital, there are 7 nursing assistants. The seven assistants have 7, 8, 5, 9, 10, 10, and 14 patients, respectively, that they assist. What is the average number of patients per nursing assistant?

- A. 6
- B. 7
- C. 8
- D. 9
- E. 10

Correct Answer: D