# WORKKEYS ${ }^{\text {Q\&As }}$ 

WorkKeys Assessment Test

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## QUESTION 1

Five stores are selling the same DVD player, but at different prices. Stores $B$ and $D$ will run the sales for one week while store $\mathrm{A}, \mathrm{C}$, and E will run the sale for two weeks. Which store has the best buy?
A. store A: $\$ 175$ with a $10 \%$ discount
B. store B: $\$ 185$ with a $20 \%$ discount
C. store C: $\$ 195$ with a $20 \%$ discount followed by a $10 \%$ discount
D. store D: $\$ 195$ with a $20 \%$ discount
E. store E: $\$ 180$ with a $25 \%$ discount

Correct Answer: E

## QUESTION 2

Preston and Emily got summer jobs at the Dairy Derby. They were both suppose to work 17 hours per week each for 8 weeks. During that time, Preston was ill for one week and Emily took her shifts. How many hours did Emily work during the 8 weeks?
A. 136 hours
B. 153 hours
C. 170 hours
D. 187 hours
E. 255 hours

Correct Answer: B

## QUESTION 3

An empty trash container weighs 32 pounds. If this container is filled with a load of trash that weighs 122 pounds, what is the total weight of the container and its contents?
A. 3.81 pounds
B. 90 pounds
C. 144 pounds
D. 154 pounds
E. 3904 pounds

Correct Answer: D

## QUESTION 4

You want to buy a new car. You locate the same model at two different dealerships with the same sticker price of $\$ 16,450.75$. Swan Cars offers you a $8 \%$ discount off the sticker price. AutoMart is offering a $\$ 2200$ rebate. How much will you save by going with the cheaper price?
A. $\$ 441.97$
B. $\$ 883.94$
C. $\$ 925.36$
D. $\$ 1883.94$
E. $\$ 2200.00$

Correct Answer: B

## QUESTION 5

Renee buys three plants at Spring Hill florists for a total of $\$ 170$. Two of the plants are on sale for $\$ 25$ apiece. How much does the third plant cost?
A. $\$ 56.67$
B. $\$ 80.00$
C. $\$ 100.00$
D. $\$ 120.00$
E. $\$ 145.00$

Correct Answer: D

## QUESTION 6

The landscape company you work for has a truck that can haul 1200 pounds per load. If you have 5600 pounds of materials to be delivered, how many trips will have to be made?

## A. 3 trips

B. 4 trips
C. 4.5 trips
D. 5 trips
E. 6 trips

Correct Answer: D

## QUESTION 7

Janette walked 6 miles in a local walkathon. How many feet did she walk?
A. 18 feet
B. 18 feet
C. 5280 feet
D. 10,560 feet
E. 31,680 feet

Correct Answer: E

## QUESTION 8

A horticulture class is filling cylindrical pots with soil. The pots have a height of 8 inches and a radius of 5 inches. The pots are being filled from a rectangular storage container measuring 2 -feet by 3 -feet by 3 -feet high. How many of the cylindrical containers can be filled with soil?
A. 47
B. 48
C. 49
D. 50
E. 51

Correct Answer: D

## QUESTION 9

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. $0.91 \mathrm{~m} ; 69 \mathrm{~cm} ; 1.37 \mathrm{~m}$
B. $14 \mathrm{~cm} ; 11 \mathrm{~cm} ; 21 \mathrm{~cm}$
C. $0.91 \mathrm{~m} ; 65 \mathrm{~cm} ; 0.137 \mathrm{~cm}$
D. $0.95 \mathrm{~m} ; 70 \mathrm{~cm} ; 1.42 \mathrm{~m}$
E. $0.91 \mathrm{~m} ; 68 \mathrm{~cm} ; 1.6 \mathrm{~cm}$

Correct Answer: A

## QUESTION 10

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 $2^{\prime \prime}$
B. $16^{\prime \prime} \times 4^{\prime \prime} \times 4^{\prime \prime}$
C. $2 " \times 8 " \times 16 "$
D. 4 " $\times 8$ " $\times 8$ "
E. $12^{\prime \prime} \times 7$ " $\times 3^{\prime \prime}$

Correct Answer: D

## QUESTION 11

A big screen television priced at $\$ 1250$ is on sale for $\$ 850$. Calculate the percent savings.
A. $16 \%$
B. $32 \%$
C. $40 \%$
D. $56 \%$
E. $68 \%$

Correct Answer: B

## QUESTION 12

A landscape company plans to install mulch around 3 trees in a customerl\'s yard. The trees have a diameter of 3 feet, and mulch is to be placed 3 feet around the tree and 4 inches deep. How many cubic yards of mulch are needed?

A. $3 / 4$ cubic yard
B. 1 cubic yard
C. $11 / 2$ cubic yard
D. 2 1/4 cubic yard
E. 5 cubic yards

Correct Answer: D

## QUESTION 13

During a recent snowstorm, the temperature fell from Fahrenheit to $-5^{\circ}$ Fahrenheit. How many degrees did the temperature drop?
A. $-33^{\circ}$
B. $-28^{\circ}$
C. $-23^{\circ}$
D. $23^{\circ}$
E. $33^{\circ}$

Correct Answer: E

## QUESTION 14

Johnson Landscape is installing mulch at a site. The area of the site is 150 feet by 210 feet. The mulch will be applied to a depth of 4 inches. Red mulch costs $\$ 45.00$ per cubic yard. Natural brown mulch costs $\$ 38.00$ per cubic yard (mulch is only sold in whole yards). How much would the company save by using natural brown mulch?
A. $\$ 2723.00$
B. $\$ 3215.00$
C. $\$ 8169.00$
D. $\$ 24,500.00$

Correct Answer: A

## QUESTION 15

A masonry company plans to bid on pouring footer for a new building. The building is to be 80 feet long and 50 feet wide. The building will have a concrete footer under all four sides. The dimensions are 3 feet deep and 10 inches wide all the way around the building. How much concrete will be needed for the footer? (Round to the nearest $1 / 4$ cubic yard).
(-) A. $21 / 2$ cubic yards
(C) B. $241 / 4$ cubic yards
C. C. $721 / 1 /$ cubic yards
() D. $3701 / 2$ cubic yards
() E. $4444 \frac{1}{2}$ cubic yards
A. Option A
B. Option B
C. Option C
D. Option D
E. Option E

Correct Answer: B

