$$X = 12$$

$$2x - 5 = -19$$

$$2x = -14$$

$$x = -7$$

The two solutions and -7 and 12.

Question 20

CORRECT

If Maria left a \$10.16 tip on a breakfast that cost \$86.89, approximately what percentage was the tip?

12%

17%



25%



31%

Question 20 Explanation:

sale.co.uk The correct answer is (A). The earth of answer this question is to round the numbers. Let's sayone tip is \$10 and the total was \$87. (A) is the Obsest answer to our \$10/\$87 = approximately approximation

Questi in 2

CORRECT

A nurse working at a medical clinic earns \$17.81 per hour. The nurse works three 8-hour shifts and one 12-hour shift every week, and is paid weekly. Weekly deductions are: federal tax \$102.80, state tax \$24.58, federal insurance \$18.13, and family health insurance \$52.15. What is the nurse's take-home pay each week?



\$158.54

\$443.50



\$514.74



\$641.16

Question 21 Explanation:

The correct answer is (B). First you must calculate how many hours the nurse works each week. Three 8-hour shifts plus one 12-hour shift equals 36 hours per week.

 $13 \times 7 = 91$

So the total cost will be 77 + 91, which is 168.

Question 29

CORRECT

 $7 \times 4 + (9 - 6) + 13$

Simplify the expression above. Which of the following is correct?

37

41 44

Question 29 Explanation:

The correct answer is (D). According to the order of operations, do what is inside the parenthesis first:

Next, move left to right, doing any multiplication & CO.UK
28 + 3 + 13

Finally, move left to a final or containing the contai

Finally, move left to right, Ohn 31 + 13 = 4

Questi

Write the number 1906 in Roman numerals.

MCMLXVIII

MCMXVI MCMVI

XIXVI

Question 30 Explanation:

The correct answer is (C). In the Roman numeral system, M = 1000, D = 500, C = 100, L = 50, X = 10, V = 5, and I = 1. The ones, tens, hundreds and thousands must be treated as separate items. If a smaller item precedes a larger item, as in CM, it is treated as the difference of the two, so CM = 1000 - 100 = 900.

1000 = M