dime	○◖
quarter	▫

○ = 20 coins

Coin	Number of coins
penny	▮▮▮▮▮ ▮▮▮▮▮ ▮▮▮▮▮
nickel	▮▮▮▮▮ ▮▮▮▮▮
dime	▮▮▮▮▮ ▮▮▮▮▮ ▮▮▮▮▮
quarter	▮▮▮▮▮

▮ = 5 coins

Coin	Number of coins
penny	□□□□□
nickel	□□□□
dime	□□◺
quarter	◺

□ = 10 coins

CONTINUE

Question: 2 of 38

Time Remaining: 00:56:28

FLAG

Which of the following percentages is equivalent to the fraction below?

$^{5}/_{8}$

- 6.25%
- 62.5%
- 160%
- 1.6%

PREVIOUS

CONTINUE

ATI TEAS Version 7 - Math

CLOSE

Question: 3 of 38

Time Remaining: 00:53:33

FLAG

Lana has $60. She spends 80% of the money. She then invests the remaining amount and earns a profit of 80%. How much money does she now have?

- $21.60
- $86.40
- $9.60
- $60

PREVIOUS

CONTINUE

Question: 4 of 38

Time Remaining: 00:53:12

FLAG

A student performs the following estimations.

$24 + 190 \approx 210$
$151 + 319 \approx 470$
$974 + 1{,}022 \approx 1{,}990$

Based on these estimations, which of the following is the student's estimate of $452 + 5{,}017$?

- 5,500
- 5,450
- 5,470
- 5,400

PREVIOUS

CONTINUE

Question: 4 of 38

Time Remaining: 00:53:12

FLAG

A student performs the following estimations.

$24 + 190 \approx 210$
$151 + 319 \approx 470$
$974 + 1{,}022 \approx 1{,}990$

Based on these estimations, which of the following is the student's estimate of $452 + 5{,}017$?

- 5,500
- 5,450
- 5,470
- 5,400

PREVIOUS

CONTINUE

Question: 6 of 38

Time Remaining: 00:52:03

FLAG

Which of the following is the greatest value?

- 3/8
- 34 ÷ 96
- 37%
- 0.372

PREVIOUS

CONTINUE

Question: 7 of 38

Time Remaining: 00:51:53

FLAG

The data below represents students' test scores. Which of the following is the median of the set of data?

11, 12, 18, 14, 22, 17, 17, 12, 26, 12, 13

- 12
- 14
- 15.8
- 15

PREVIOUS

CONTINUE

Question: 8 of 38

Time Remaining: 00:51:36

FLAG

Which of the following relationships represents a positive correlation between two variables?

- As the amount of water a plant receives increases, the growth rate of the plant increases.
- As a student's class attendance decreases, the student's overall grade remains the same.
- As the number of hours a person exercises decreases, the weight of that person increases.
- As the number of miles driven increases, the amount of gasoline in the tank decreases.

PREVIOUS

CONTINUE

Question: 9 of 38

Time Remaining: 00:51:11

FLAG

A soccer field is rectangular in shape and is 100 meters long and 75 meters wide. The hectare is a metric unit of area often used to measure larger areas. Given that 1 hectare = 10,000 meters^2, which of the following represents the soccer field's area in hectares?

- 0.75 hectares
- 75,000,000 hectares
- 7,500 hectares
- 7.5 hectares

PREVIOUS

CONTINUE

Question: 10 of 38

Time Remaining: 00:50:43

FLAG

2.50 x 0.25

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

- 0.0625
- 0.625
- 6.25
- 6.025

PREVIOUS

CONTINUE

Question: 11 of 38

Time Remaining: 00:50:28

FLAG

Which of the following is the equivalence in pounds for 50 kg? (2.2 lb = 1 kg)

- 110 lb
- 52.2 lb
- 22.7 lb
- 220 lb

PREVIOUS

CONTINUE

Question: 12 of 38

Time Remaining: 00:50:11

FLAG

Tree type	Apple	Orange	Lemon	Banana	Pear
Number of trees	20	10	12	25	21

A farmer grows apple, orange, lemon, banana, and pear trees. The number of trees planted this year is shown in the table above. Which of the following would best display the data?

- Line graph
- Stem and leaf plot
- Scatter plot
- Bar graph

PREVIOUS

CONTINUE

Question: 13 of 38

Time Remaining: 00:49:44

FLAG

If x represents the width of a rectangle and the length is four less than three times the width, which of the following expressions represents the length of the rectangle in terms of x?

- 4x - 3
- 3x - 4
- 3 - 4x
- 4 - 3x

PREVIOUS

CONTINUE

Question: 14 of 38

Time Remaining: 00:49:15

FLAG

When the weights of newborn babies are graphed, the distribution of weights is symmetric with the majority of weights centered around a single peak. Which of the following describes the shape of this distribution?

- Uniform
- Bell-shaped
- Bimodal
- Skewed right

PREVIOUS

CONTINUE

Question: 15 of 38

Time Remaining: 00:48:47

FLAG

A sweater that normally sells for $87 is marked 25% off. Which of the following estimates the sale price of the sweater?

- $51
- $65
- $22
- $36

PREVIOUS

CONTINUE

Question: 16 of 38

Time Remaining: 00:48:16

FLAG

A large pizza has a diameter of 16 inches. Which of the following is the area of the pizza in terms of pi (π)?

- $16\pi \text{ in}^2$
- $256\pi \text{ in}^2$
- $64\pi \text{ in}^2$
- $32\pi \text{ in}^2$

PREVIOUS

CONTINUE

Question: 17 of 38

Time Remaining: 00:47:35

FLAG

A nurse earns $800.00 per week before any tax deductions. The following taxes are deducted each week: $83.00 federal income tax, $38.00 state income tax, and $79.00 Social Security tax. How much will the nurse make in 4 weeks after taxes are deducted?

- $2,800.00
- $2,400.00
- $2,600.00
- $3,000.00

PREVIOUS

CONTINUE

ATI TEAS Version 7 - Math

CLOSE

Question: 18 of 38

Time Remaining: 00:46:20

FLAG

An athlete runs 4 miles in 28 minutes and then changes their pace to run the next 4 miles in 32 minutes. Overall, what is the average time in minutes it takes the athlete to run 1 mile?

- 7.5 minutes
- 8 minutes
- 7 minutes
- 8.5 minutes

PREVIOUS

CONTINUE

The table shows health care spending per capita in a group of African nations. Based on this information, which of the following countries had the greatest change in dollars spent per capita from 2013 to 2015?

Health Care Spending Per Capita

COUNTRY	2013	2015
Sudan	$17	$24
Eritrea	$56	$42
Nigeria	$16	$21
Tanzania	$68	$81
Rwanda	$27	$24
Kenya	$81	$88

- Eritrea
- Kenya
- Sudan
- Tanzania

PREVIOUS

CONTINUE

Question: 20 of 38

Time Remaining: 00:45:36

FLAG

As a person cycling increases speed, the rate of calories burned, distance traveled, and energy expended also increase. Which of the following is the independent variable?

- Speed
- Energy
- Distance
- Calories

PREVIOUS

CONTINUE

Question: 21 of 38

Time Remaining: 00:45:00

FLAG

One gallon of cleaning solution requires 6 oz of ammonia. If the maintenance department needs 120 gallons of solution to clean all of the floors, how much ammonia is needed?

- 720 oz
- 20 gallons
- 720 gallons
- 20 oz

PREVIOUS

CONTINUE

Question: 22 of 38

Time Remaining: 00:44:31

FLAG

If a box of 35 syringes costs $560.00, which of the following is the cost for two syringes?

- $15.00
- $8.00
- $16.00
- $32.00

PREVIOUS

CONTINUE

Question: 22 of 38

Time Remaining: 00:44:23

FLAG

If a box of 35 syringes costs $560.00, which of the following is the cost for two syringes?

- $15.00
- $8.00
- $16.00
- $32.00

PREVIOUS

CONTINUE

ATI TEAS Version 7 - Math

CLOSE

Question: 23 of 38

Time Remaining: 00:42:58

FLAG

Which of the following is the correct decimal placement for the product of 1.3 x 0.47?

- 0.0611
- 6.11
- 0.00611
- 0.611

PREVIOUS

CONTINUE

ATI TEAS Version 7 - Math

CLOSE

Question: 24 of 38

Time Remaining: 00:42:08

FLAG

Which of the following is the weight of the cargo in a truck if 1/3 of the cargo weighs 516 pounds (lb)?

- 1,548 lb
- 688 lb
- 1,032 lb
- 172 lb

PREVIOUS

CONTINUE

ATI TEAS Version 7 - Math

CLOSE

Question: 26 of 38

Time Remaining: 00:41:27

FLAG

A bucket can hold 3 L. How many mL can the bucket hold?

- 300 mL
- 3,000 mL
- 0.003 mL
- 30 mL

PREVIOUS

CONTINUE

Question: 27 of 38

Time Remaining: 00:40:44

FLAG

How many feet are there in 6 yards?

- 9 ft
- 36 ft
- 2 ft
- 18 ft

PREVIOUS

CONTINUE

Question: 28 of 38

Time Remaining: 00:39:37

FLAG

County Hospital Staff Distribution		
	PN	RN
Male	30	50
Female	50	70

Stimulus: 1 of 1

Which of the following represents the probability that a PN or an RN is a female?

- 2/5
- 7/12
- 5/8
- 3/5

PREVIOUS

CONTINUE

Question: 29 of 38

Time Remaining: 00:38:54

FLAG

$4(x - 5) = 8$

Solve the equation above for x. Which of the following is the correct answer?

- $3/4$
- 7
- -3
- $3\ 1/4$

PREVIOUS

CONTINUE

Question: 30 of 38

Time Remaining: 00:38:26

FLAG

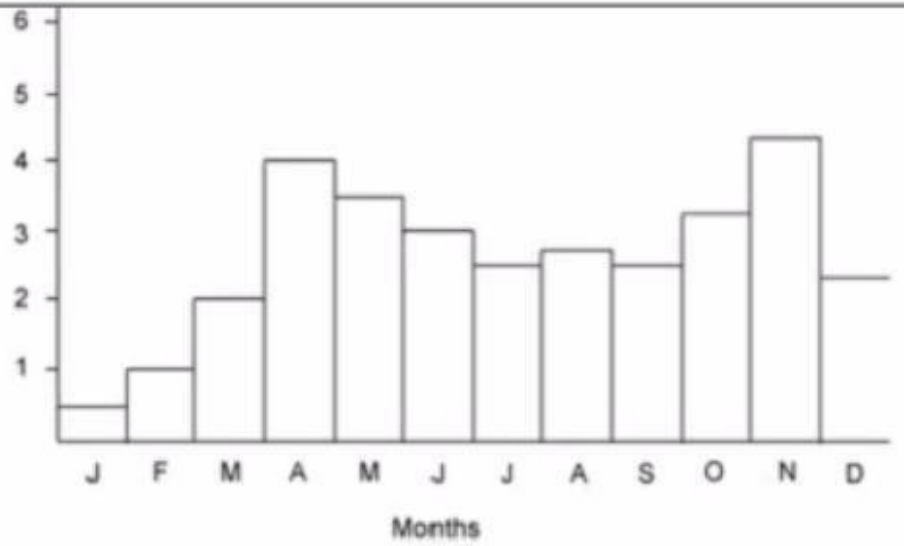
Which of the following is the length of the unknown leg of a right triangle that has one leg length of 8 feet and a hypotenuse of 12 feet? (Round to the nearest tenth.)

- 40 feet
- 4 feet
- 14.4 feet
- 8.9 feet

PREVIOUS

CONTINUE

(Alexis)



The graph above represents the amount of rainfall in a particular state by month. Which of the following is the total rainfall for the first 3 months of the year?

- $1^1/_2$ inches
- 2 inches
- $3^1/_2$ inches
- 4 inches

PREVIOUS

CONTINUE

Question: 32 of 38

Time Remaining: 00:37:20

FLAG

A class of 28 students has 13 boys and 15 girls. What is the ratio of girls to boys in the class?

- 13:28
- 15:28
- 15:13
- 13:15

PREVIOUS

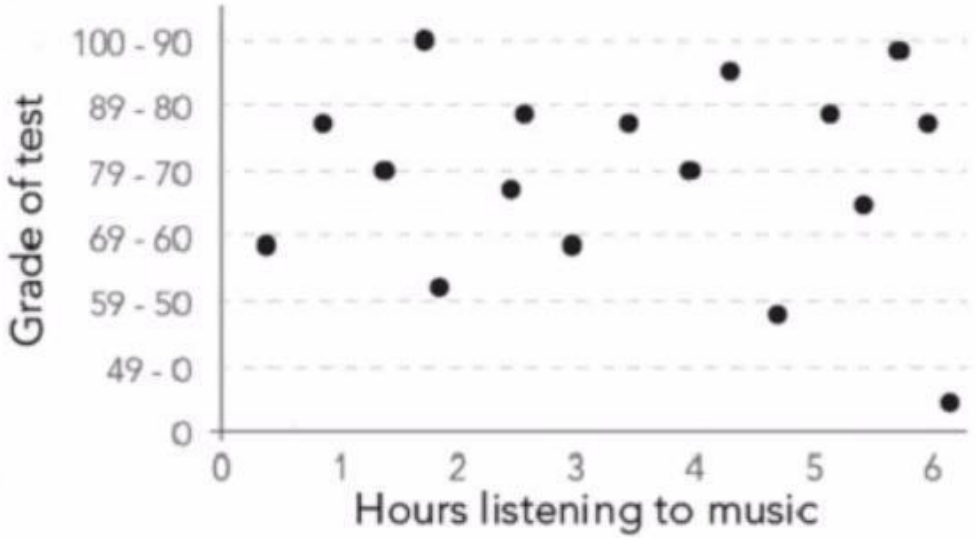
CONTINUE

Question: 33 of 38

Time Remaining: 00:37:05

FLAG

The scatter plot below shows the relationship between the number of hours a student listens to music and the student's test scores. Which of the following types of correlation is shown on the scatter plot?



- Positive
- Positive and negative
- Negative
- No correlation

Question: 34 of 38

Time Remaining: 00:36:23

FLAG

$2(4x + 3) = 7x + 5$

Solve the equation above for x. Which of the following is correct?

- 2
- 11
- -1
- 1

PREVIOUS

CONTINUE

Question: 35 of 38

Time Remaining: 00:36:00

FLAG

Five less than twice a number

Which of the following translates the phrase above into a mathematical expression?

- 5 - 2x
- 2 - 5x
- 5x - 2
- 2x - 5

PREVIOUS

CONTINUE

Question: 36 of 38

Time Remaining: 00:35:14

FLAG

Day	Temperature (° C)
Monday	3
Tuesday	4
Wednesday	-5
Thursday	-2
Friday	5

Stimulus: 1 of 1

Students recorded the temperature each day at school for a week. Which of the following is the mean and range of temperatures?

- Mean 3° and range 7°
- Mean 1° and range 10°
- Mean 0° and range 10°
- Mean 1° and range 3°

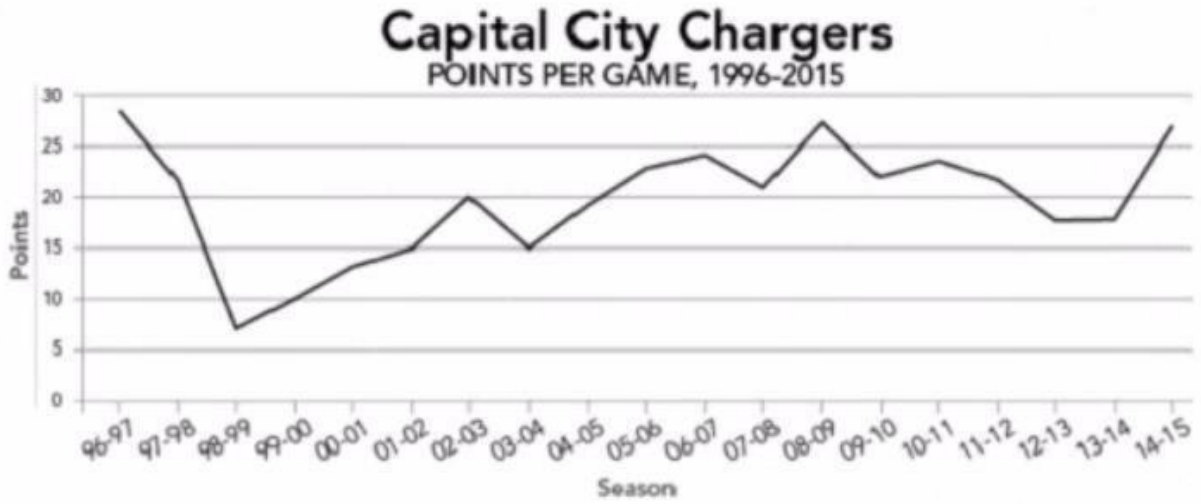
PREVIOUS

CONTINUE

Question: 37 of 38

Time Remaining: 00:33:41

FLAG



Which of the following statements is true about the graph above?

- The Chargers points per game decreased between seasons eight times between 1996 and 2015.
- The Chargers scored their greatest number of points per game in the 2008-09 season.
- The Chargers scored their lowest number of points per game in the 1999-2000 season.
- The Chargers had the greatest increase of points per game between their 2013-14 and 2014-15 seasons.

PREVIOUS

CONTINUE

Question: 38 of 38

Time Remaining: 00:32:43

FLAG

A couple dining at a restaurant receives a bill for $38.40. They wish to leave a 15% gratuity. Which of the following is the estimated gratuity?

- $5.00
- $6.00
- $4.00
- $7.00

PREVIOUS

CONTINUE