A. 39
B. 43
C. 47
D. 49
E. 51

Correct Answer: A

QUESTION 23
Which of the following lists the numbers in order from LEAST to GREATEST?

A. -2,5, -8
B. -2, -8,5
C. 5, -2, -8
D. 5, -8, -2
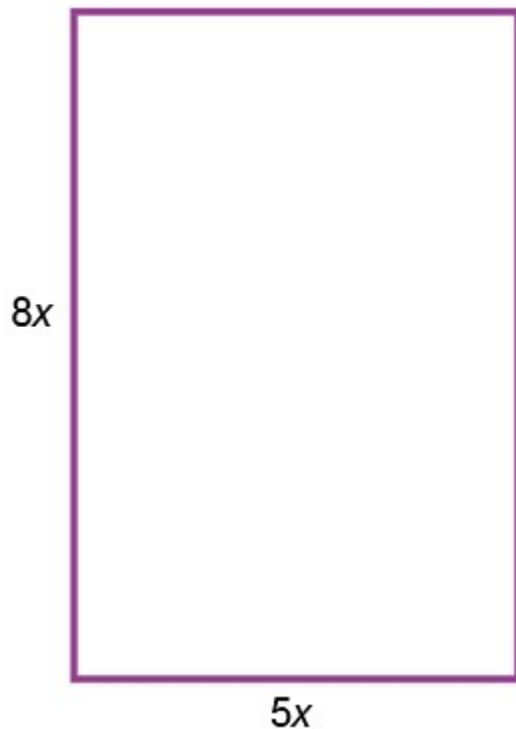E. -8, -2,5

Correct Answer: E

QUESTION 24
Dwayne's dentist appointment is at 20 p.m. He plans to allow 45 minutes for the trip from home to the dentist's office. At what time should he leave his home so that he will arrive at the dentist's office exactly at 20 p.m.?

A. 15 p.m.
B. 25 p.m.
C. 35 p.m.
D. 45 p.m.
E. 55 p.m.

Correct Answer: C

QUESTION 25
Which of the following represents the PERIMETER of the rectangle?

8x

5x

A. 13x
B. 26x
C. 26
D. 8x2
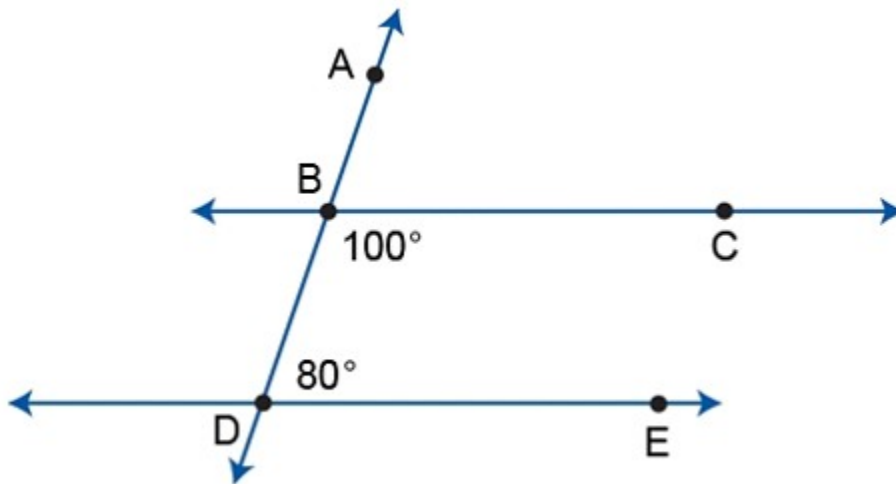E. 40x2

Correct Answer: B

QUESTION 26
Alice's belt rack contains 1 red, 3 black, 4 brown, and 2 blue belts. If she were to randomly select one belt from the rack, what is the probability that it would be black?

A. $\frac{3}{10}$

B. $\frac{3}{6}$

C. $\frac{3}{5}$

D. $\frac{3}{4}$

Correct Answer: A

QUESTION 27
In the figure below, two parallel lines are intersected by a straight line.

What is the measure of angle ABC?

A. 10°
B. 20°
C. 80°
D. 100°
E. 120°

Correct Answer: C

QUESTION 28
CORRECT TEXT
CableTV charges $37.50 per month for its premium service plus $3.25 for each movie requested by phone. Andre subscribed to the premium service for 10 months and requested 20 movies by phone during that time. What was the total amount, in dollars, that he paid CableTV during those 10 months?

Correct Answer: 440 dollars

QUESTION 29
What is the volume, in cubic meters, of a railway boxcar that is 10 meters long,2 meters wide, and 3 meters high?

A. 15
B. 20
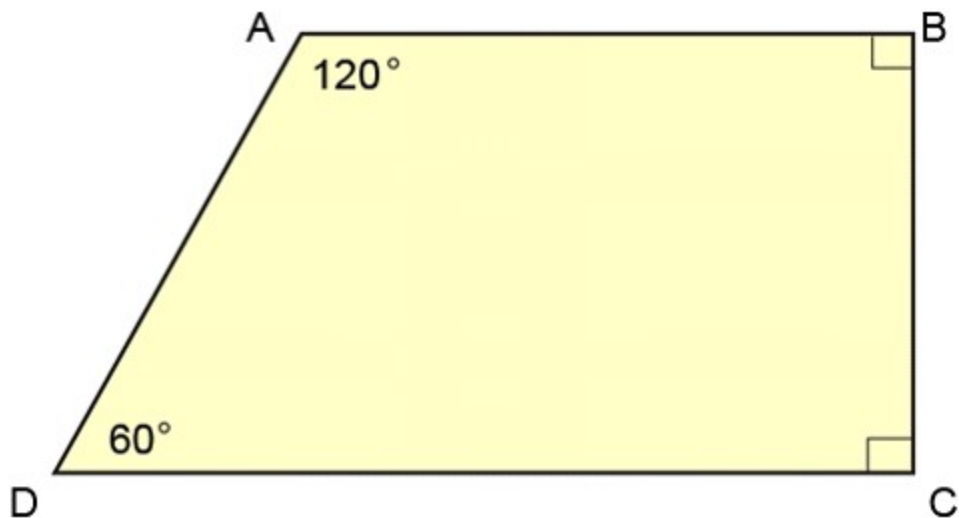C. 30
D. 60
E. 113

Correct Answer: D

QUESTION 30
A local electric company charges $0.07893740 for each kilowatt-hour of electricity used. To the nearest cent,what is the kilowatt-hour charge for electricity?

A. $0.07
B. $0.0789
C. $0.079
D. $0.08
E. $0.79

Correct Answer: D

QUESTION 31
Trapezoid ABCD is shown in the diagram below.

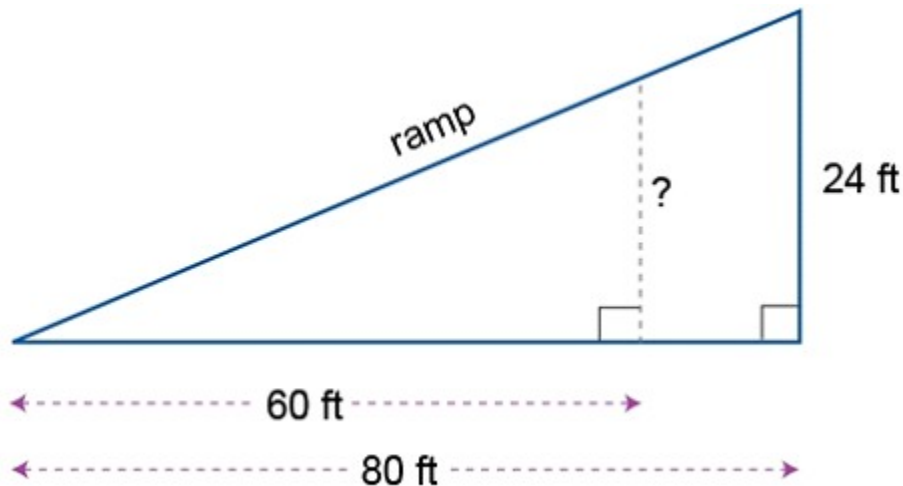Which of the following words best describes the relationship between side AB and side DC?

A. equal

B. perpendicular
C. intersecting
D. skewed
E. parallel

Correct Answer: E

QUESTION 32
The diagram below shows a ramp that rises uniformly 24 feet over a distance of 80 feet.

How many feet high will the ramp be at a point 60 feet from its beginning?

A. 4
B. 18
C. 19.2
D. 32
E. 60

Correct Answer: B

QUESTION 33
Plastic recyclables are collected every Monday in Kingsview. If the first Monday of the month falls on the 4th, which of the following dates will also be a Monday during that month?

A. 14th
B. 17th
C. 19th
D. 21st
E. 25th

Correct Answer: E