DUMPSSARENA

Pre-Professional Skills Test (PPST) - Mathematics Section

Test Prep PRAXIS-Mathematics-Section

Version Demo

Total Demo Questions: 10

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QUESTION NO: 1
Solve and simplify: 2/3 x 3/5 x 5/10 x 6/8 =
A. 0.2
B. 0.5
C. 0.15
D. 0.25
E. 0.333333333
ANSWER: C
Explanation:
Fractions are multiplied by multiplying numerators by numerators and denominators by denominators. Some of the fractions in this problem can be simplified.
QUESTION NO: 2
8.5 x 9.07 =
A. 77.95
B. 770.95
C. 77.095
D. 777.095
E. 7.095
ANSWER: C
Explanation:
Remember that since the terms of the problem have three units to the right of the decimal point, the answer will as well.
QUESTION NO: 3
3/27 =
A. 1/9

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- **B.** 1/10
- **C.** 1/2
- **D.** 3/18
- **E**. 2/7

ANSWER: A

Explanation:

Divide numerator and denominator by 3.

QUESTION NO: 4

If 5x + 7 = 8x - 2, then

- **A.** x = 5
- **B.** x = 3
- **C.** x = 4
- **D.** x = 2
- **E.** x = 1

ANSWER: B

Explanation:

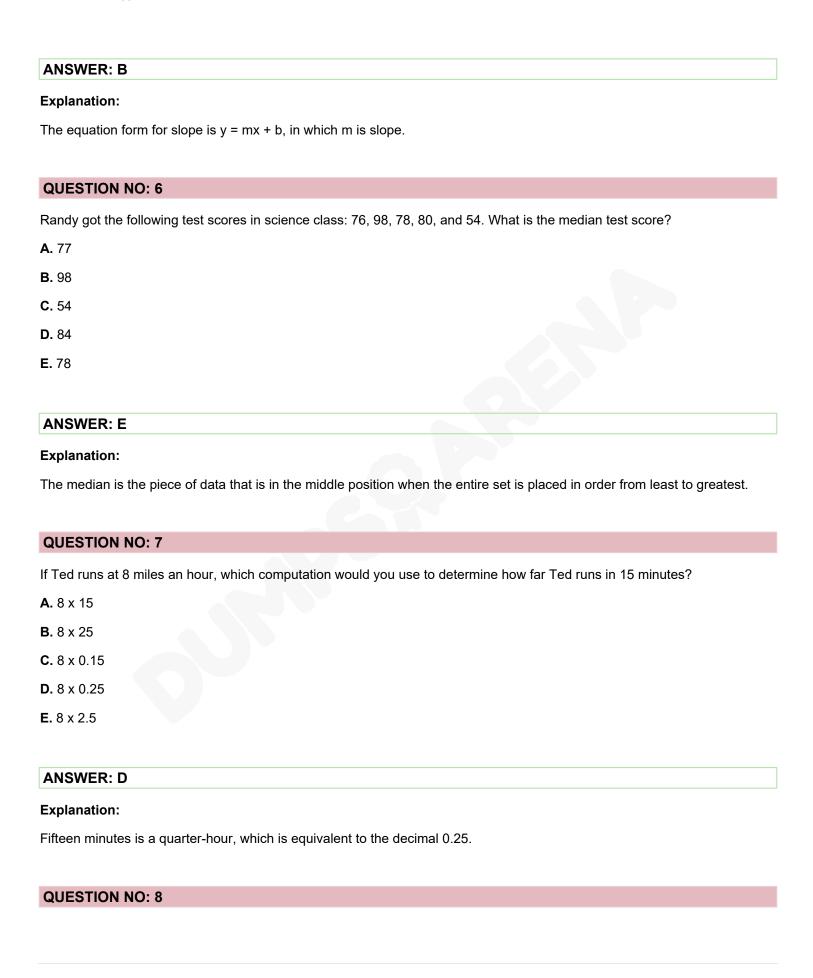
Solve the equation for x by subtracting 5x from both sides, adding 2 to both sides, and then dividing both sides by 3.

QUESTION NO: 5

Find the slope: 4x - 5y = 20

- **A.** 5/4
- **B**. 4/5
- **C.** 4/5
- **D.** 5/4
- **E**. 4

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If the value of x is between 0.00776 and 0.0506, which of the following numbers could be x?
A. 0.008
B. 0.890
C. 0.0008
D . 0.8009
E. 0.809
ANSWER: A
Explanation:
When solving this sort of problem, it may help to write the two given numbers so that one is under the other and the decimal
points are aligned.
QUESTION NO: 9
On a real number line, $x = -4$ and $y = 7$. What is the length of the line XY?
A. 11
B. 3
C 11
D . 7
E . 10
ANSWER: A
Explanation:
Measure the length of the line by adding the respective distances of each value from zero.
QUESTION NO: 10
If Dave drives at a steady speed of 50 miles per hour, how long will it take him to drive 10 miles?
A. 20 minutes
B. 10 minutes
C. 15 minutes
D. 30 minutes



E. 12 minutes

ANSWER: E

Explanation:

Since there are 60 minutes in an hour, this problem can be solved with the following equation: 50/60 = 10/x