7th Grade MAP Practice Test Math : Set 1

Question 1 :

Solve: $x = 29 – 3(9 – 4)$

A. $x = 130$

B. $x = 14$

C. $x = 6$

D. $x = -10$

E. $x = -2$

Question 2 :

$5.01 + 23.4 =$

A. 28.5

B. 29

C. 53.05

D. 7.35

E. 28.41

Question 3 :

6 2/3 + 50 2/3 =

A. 57

B. 56 1/3

C. 56 4/3

D. 56 2/3

E. 57 1/3

Question 4 :

Write 0.25 as a percent.

1. 25%

2. 1/4

3. one quarter

4. 125%

5. 75%

Question 5 :

Write 6/12 in simplest form.

A. 1/2

B. 12/24

C. 2/4

D. 1/6

E. 1/6

Question 6 :

Order each fraction from least to greatest.
1/2, 1/3, 5/6, 2/3, 1/6

A. 5/6, 1/6, 2/3, 1/3, 1/2

B. 5/6, 2/3, 1/2, 1/3, 1/2

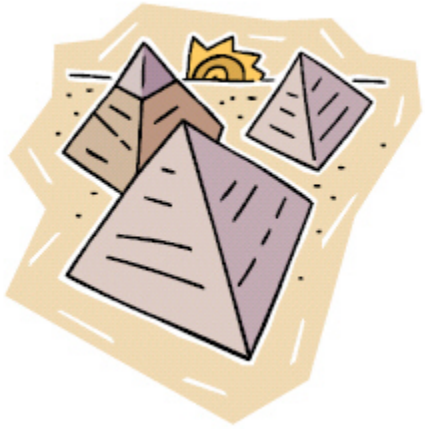
C. 5/6, 2/3, 1/6, 1/3, 1/2

D. 1/6, 1/3, 1/2, 2/3, 5/6

E. 1/2, 1/3, 5/6, 2/3, 1/6

Question 7 :

How many edges does a square pyramid have?



A. 4

B. 6

C. 5

D. 7

E. 8

Question 8 :

You can make a cylinder with:

A. 3 circles

B. 1 circle and 1 cone

C. 2 circles and 1 rectangle

D. 1 rectangle and 2 squares

E. 2 circles

Question 9 :

What is the name of a polygon with six sides?

A. triangle

B. quadrilateral

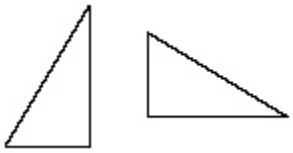
C. pentagon

D. hexagon

E. octagon

Question 10 :

Identify the type of transformation.



A. translation

B. rotation

C. reflection

D. symmetry

E. congruent

Question 11 :
947 g + 1,053 g = (Hint: 1000 g = 1 kg)

A. 1,990 g

B. 894 g

C. 1000 g

D. 10 kg

E. 2 kg

Question 12 :

Which unit of measure would be best for measuring the area of a soccer field?

A. meters

B. centimeters

C. quarts

D. inches

E. grams

Question 13 :

What happens to the perimeter when the length of a rectangle is shortened?

A. The perimeter stays the same.

B. The perimeter becomes greater.

C. The perimeter becomes smaller.

D. The perimeter is decreased by half.

E. The perimeter is increased by half.

Question 14 :

If Yvonne had $5.00 and spent $3.79, what combination of bills and coins would equal the left-over change?

A. 1 one-dollar bill, 1 dime, and 1 penny

B. 3 quarters, 4 dimes, 2 nickels, and 3 pennies

C. 2 one-dollar bills, 7 dimes, and 9 pennies

D. 3 one-dollar bills, 3 quarters, and 4 pennies

E. 1 one-dollar bill, 2 dimes, and 1 penny

Question 15 :

Which equation would graph as a straight line?

A. $x2 – y = 0$

B. $y = x$

C. $2y = x2$

D. $y=1/2×2-1$

E. $x2 = 0$

Question 16 :

Estimate. Do not compute.
5 6/7 – 2 1/9 =

A. 9

B. 7

C. 3

D. 2

E. 4

Question 17 :

Write in simplest form.
16/36

A. 1/2

B. 4/6

C. 8/18

D. 4/9

E. 32/72

Question 18 :

Solve the following system of equations and interpret the solution graphically.
$2x - 3y = 6$
$x + y = 8$

A. (6,0), lines intersect

B. (-6,6), lines parallel

C. (6,6), same line

D. (6,2), lines intersect

E. (-6,-2), lines parallel

Question 19 :

$-5 - (-9) =$

A. 4

B. 14

C. –4

D. –14

E. 45

Question 20 :

Identify the converse of the following statement:
An equiangular triangle has an angle that measures 60.

A. If an angle measures 60, then the triangle is equiangular.

B. If the triangle is equiangular, then it has an angle of 60.

C. If the figure is a triangle, then all angles are 60.

D. If the triangle has an angle of 60, then it is equiangular.

E. If one angle measures 60, then the figure is a triangle.

Answer Key

1. B
2. E
3. E
4. A
5. A
6. D
7. E
8. C
9. D
10. B
11. E
12. A
13. C
14. E
15. B
16. E
17. D
18. D
19. A
20. A