

## 8th Grade MAP Practice Test Math : Set 1

Question 1 :

$$9/15 - 1/4 = ?$$

A.  $22/60$

B.  $8/11$

C.  $7/20$

D.  $1/3$

E.  $10/19$

Question 2 :

Which decimal represents six and twenty-five thousand, seven hundred eighty-four hundred-thousandths?

A.  $6.2570084$

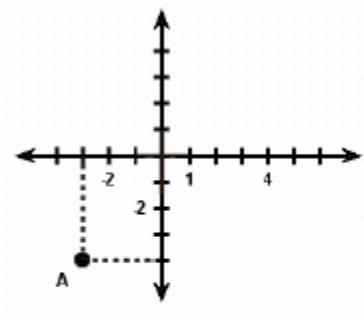
B.  $6.25000784$

C.  $6.2784$

D.  $6.784$

E.  $6.25784$

Question 3 :



What is the coordinate of point A?

A.  $(2, -4)$

B.  $(3, -4)$

C.  $(-3, -4)$

D.  $(-3, 4)$

E.  $(-4, -3)$

Question 4 :

If  $a = 3$ ,  $b = 9$ ,  $c = 14$ , solve:  $2b - c - a$

A. 26

B. 0

C. 28

D. 35

E. 1

Question 5 :

Evaluate.  $-2(3)(12-7)$

A. -30

B. 55

C. 30

D. -1

E. -79

Question 6 :

Evaluate.  $-5(x - 3)$ , if  $x = -6$

A. 3

B. 9

C. -33

D. 45

E. -9

Question 7 :

If  $y = 7$ , then  $2y + 4y = ?$

A. 7

B. 14

C. 18

D. 42

E. 28

Question 8 :

$$57.2 - 3.08 =$$

A. 12.119

B. 49.725

C. 54.12

D. 54.28

E. 60.34

Question 9 :

Reduce your answer to lowest terms.

$$\frac{1}{4} + \frac{7}{12} =$$

A.  $\frac{8}{16}$

B.  $\frac{1}{2}$

C.  $\frac{4}{12}$

D.  $\frac{5}{6}$

E.  $\frac{1}{3}$

Question 10 :

Reduce your answer to lowest terms.

$$6\frac{1}{6} - 4\frac{5}{6} =$$

A.  $2\frac{2}{3}$

B.  $10\frac{1}{3}$

C.  $1\frac{1}{3}$

D. 11

E.  $1\frac{2}{6}$

Question 11 :

Reduce your answer to lowest terms.

$$7 + 3 \frac{5}{8} =$$

A.  $10 \frac{5}{8}$

B.  $2 \frac{5}{8}$

C.  $4 \frac{3}{8}$

D.  $10 \frac{3}{8}$

E. 11

Question 12 :

Complete the statement with the correct answer.

Parallel lines are . . .

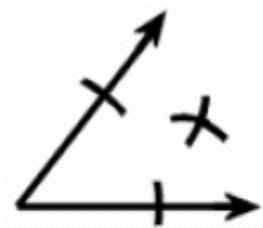
A. in the same plane and do not intersect.

B. in the same plane and do intersect.

C. in different planes and do not intersect.

D. in different planes and do interact.

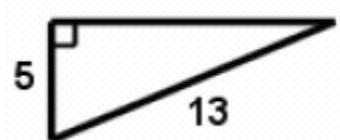
Question 13 :



The drawing illustrates a method for constructing:

- A. an angle bisector
- B. a supplementary
- C. a right angle
- D. a segment bisector
- E. a perpendicular bisector

Question 14 :

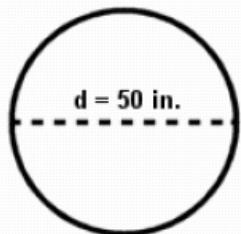


Find the length of the missing side.

- A. 12
- B. 8
- C. 18
- D. 16
- E. 14

Question 15 :

Use the formula:  $C = \pi d$  ( $\pi = 3.14$ )



Find the circumference of this circle to the nearest inch.

A. 157 in.

B. 150 in.

C. 1,570 in.

D. 53.14 in

E. 46.86 in.

Question 16 :

Express as a decimal:

$$2\frac{1}{8} = \underline{\hspace{2cm}}$$

A. 2.25

B. 2.1

C. 2.125

D. 2.13

E. 2.5

Question 17 :

Solve:  $30x^2 - 19x - 4 = 0$

A.  $x = 4/5$  or  $x = -1/6$

B.  $x = 2/3$  or  $x = -1/5$

C.  $x = 2/3$  or  $x = 1/5$

D.  $x = -4/5$  or  $x = 1/6$

E.  $x = 2/5$  or  $x = 1/3$

## **Answer Key**

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