

6th Grade MAP Practice Test Math : Set 1

Question 1 :

Write 0.278 as a fraction.

- A. $278/100$
- B. $2\ 78/100$
- C. $278/10,000$
- D. $278/1,000$
- E. $27\ 8/10$

Question 2 :

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. $5/6, 2/3, 1/2, 1/3, 1/6$
- 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 3 :

$$-24 \div 6 = ?$$

- A. 4
- B. -4
- C. 18
- D. -18
- E. 30

Question 4 :

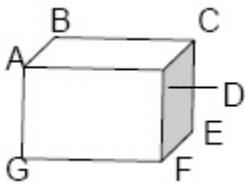
Triangle ABC is congruent to triangle RST.



Identify a pair of corresponding sides.

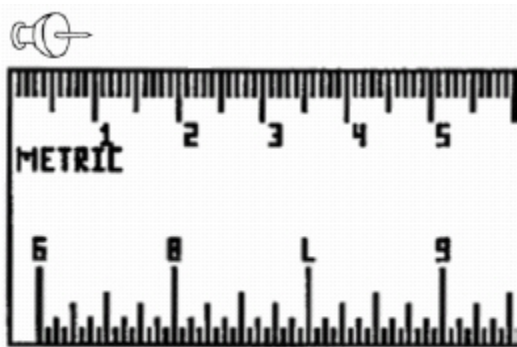
- A. AB and TR
- B. BC and ST
- C. AB and BC
- D. TR and TS
- E. AB and TS

Question 5 :



- A. point A
- B. plane ABCD
- C. segment AD
- D. point F
- E. segment DE

Question 6 :



What is the length of the tack?

- A. 1 cm
- B. 2 cm
- C. 5 cm
- D. 1 m
- E. 1 mm

Question 7 :

What is the simplest form of $27/42$?

- A. $27/42$
- B. $1\ 15/27$
- C. $2/3$
- D. $9/14$
- E. $13/21$

Question 8 :

Which are the greatest common factor and the least common multiple of the numbers 12 and 9?

- A. G.C.F. = 3; L.C.M. = 24
- B. G.C.F. = 3; L.C.M. = 36
- C. G.C.F. = 6; L.C.M. = 108
- D. G.C.F. = 1; L.C.M. = 108
- E. G.C.F. = 3; L.C.M. = 27

Question 9 :

Divide using a calculator. 825 divided by 25

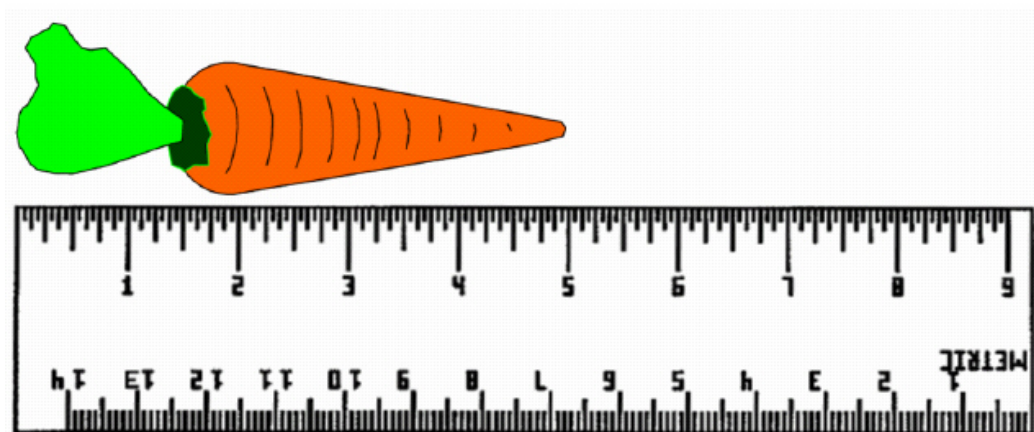
- A. 56
- B. 33 R8
- C. 36
- D. 40 R2
- E. 33

Question 10 :

Which of the following has a rectangular base and four triangular faces?

- A. cube
- B. rectangular prism
- C. triangular prism
- D. rectangular pyramid
- E. triangular pyramid

Question 11 :



The total length of this carrot is how many inches?

- A. 5.5"
- B. 5"
- C. 5 yds.
- D. 5 centimeters
- E. 5'

Question 12 :

Fill in the boxes from left to right with the correct exponent.

$$(5 \times 10^{\square}) + (3 \times 10^{\square}) + (6 \times 10^{\square}) + (8 \times 10^{\square}) = 5,368$$

A. 4, 3, 2, 1

B. 3, 2, 1, 0

C. 1, 2, 3, 4

D. 0, 1, 2, 3

E. 5, 3, 6, 8

Question 13 :

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 14 :

Compute the mean, median, and mode for the following set of data:

7, 6, 2, 2, 3, 2, 7, 3

A. mean = 4; median = 2; mode = 3

B. mean = 32; median = 3; mode = 2

C. mean = 8; median = 6; mode = 7

D. mean = 4; median = 3; mode = 2

E. mean = 32; median = 6; mode = 8

Question 15 :

Reduce your answer to lowest terms.

$$\frac{3}{4} \times \frac{6}{7} = ?$$

A. $\frac{18}{28}$

B. $\frac{9}{14}$

C. $\frac{21}{24}$

D. $\frac{7}{8}$

E. $\frac{9}{11}$

Question 16 :

40 is 50% of what number?

A. 20

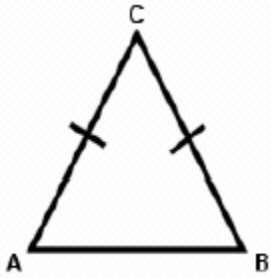
B. $\frac{1}{2}$

C. 100

D. 200

E. 80

Question 17 :

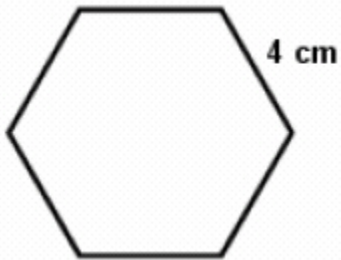


What type of triangle is this?

- A. equilateral
- B. isosceles
- C. scalene
- D. obtuse
- E. right

Question 18 :

What is the perimeter of this regular hexagon?



- A. 16 cm²
- B. 24 cm
- C. 8cm
- D. 36 cm²
- E. 40 cm

Answer Key

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