

SEB MATH TEAM TOURNAMENT 1992

1. $4 + 2 \times (7 - 3) =$

- A. 24
- B. 16
- C. 12
- D. 14

2. $57,643 - 37,454 =$

- A. 20,189
- B. 20,211
- C. 21,310
- D. 18,621

3. Find the next number in the series 1, 2, 6, 24, ...

- A. 82
- B. 69
- C. 37
- D. 120

4. Which number gives you 100 when rounded to the nearest hundred?

- A. 29
- B. 149
- C. 179
- D. 239

5. What is the remainder when 4678 is divided by 63?

- A. 49
- B. 16
- C. 0
- D. 25

6. Round 2437.696 to the nearest hundredths.

- A. 2000
- B. 2437.69
- C. 2437.70
- D. 2437.60

7. $0.5 \times 0.5 =$

- A. 2.5
- B. 1
- C. 0.25
- D. 0.0025

8. The decimal for 7% is

- A. .7
- B. .07
- C. 7
- D. 70

9. 30% of 90 =

- A. 27
- B. 15
- C. 30
- D. 20

10. $3/20$ as a percent is

- A. 32%
- B. 17%
- C. 15%
- D. 23%

11. $1/5 + 1/3 =$

- A. $2/8$
- B. $2/3$
- C. $8/15$
- D. $9/15$

12. $2\frac{2}{3} - 3/4 =$

- A. $1\frac{11}{12}$
- B. $1\frac{1}{3}$
- C. $1\frac{1}{12}$
- D. $2\frac{1}{12}$

13. $-6 \times -5 =$

- A. -30
- B. 30
- C. -11
- D. 11

14. $-16 + 7 =$

- A. -9
- B. 9
- C. -23
- D. 23

15. $3/5 \times 20/21$

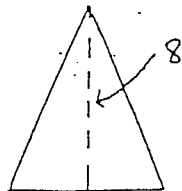
- A. $23/26$
- B. $17/16$
- C. $4/7$
- D. $2/3$

16. Find the decimal for $2\frac{4}{5}$

- A. 2.45
- B. 2.54
- C. 2.80
- D. 2.60

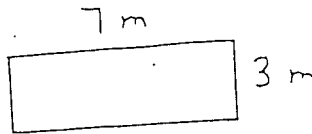
17. Find the area of a triangle with base 4 and height 8.

- A. 16
- B. 32
- C. 66
- D. 15



18. Find the perimeter of the given figure.

- A. 21m
- B. $21m^2$
- C. 20m
- D. $20m^2$



19. If $x = 4$, what is $4x + 3x + 2$?

- A. 17
- B. 30
- C. 9
- D. $7x$

20. What is the average of 10, 15, 28, and 31?

- A. 21
- B. 23
- C. 19
- D. 25

21. Solve $5x + 5 = 20$

- A. 2
- B. 3
- C. 4
- D. 5

22. If it is 4:00 right now, what time will it be in 28 hours?

- A. 2:00
- B. 4:00
- C. 6:00
- D. 8:00

23. $(1 \times 1 \times 1) + (10 \times 10 \times 10) + (0 \times 100 \times 100)$ is _____

- A. 1,001
- B. 1,003
- C. 10,004
- D. 1,001,001

24. If a building is 3 stories high, and each story is 12 ft. high, how far would a ball drop if it is dropped from the top of the third story, and is caught by a person on a ladder half-way up the first story?

- A. 24 ft.
- B. 26 ft.
- C. 28 ft.
- D. 30 ft.

25. One fall afternoon, the thermometer shows 67°F . One winter morning, it shows -3°F . How much of a change has there been in the temperature? _____

- A. 64°F
- B. 69°F
- C. 70°F
- D. 71°F

