MATH 7 PRACTICE TEST 1

Name_____ **Date**_____

Directions: Complete as many problems as you can in the 30 minutes allotted to you. No calculators!

1. Round 55,555.555555 to the nearest thousandths place.
   (A) 56,000 **(B)** 55,555.5556 **(C)** 55,555.55556 **(D)** 55,000 **(E)** 55,555.556

2. Bob can run the 40-yard dash in 4.8 seconds and Bill can run it in 4.67 seconds. How many seconds longer did it take Bob to run it than Bill?
   (A) 0.13 **(B)** 0.23 **(C)** 0.27 **(D)** 0.58 **(E)** 0.59

3. Which number is divisible by six?
   (A) 4000 **(B)** 4001 **(C)** 4002 **(D)** 4003 **(E)** 4006

4. Which has the smallest sum?
   (A) $9,999 + 2,877 + 13,475$ **(B)** $9,999 + 2,877 + 13,476$ **(C)** $9,999 + 2,877 + 13,477$
   (D) $9,998 + 2,876 + 13,475$ **(E)** $9,997 + 2,875 + 13,475$

5. What is the product of the digit in the thousands place and the digit in the thousandths place for 9,876.5432?
   (A) 16 **(B)** 18 **(C)** 24 **(D)** 27 **(E)** 36

6. If it will be 3:37 p.m. in 100 minutes, what time was it 49 minutes ago?
   (A) 12:48 p.m. **(B)** 1:08 p.m. **(C)** 1:10 p.m. **(D)** 2:46 p.m. **(E)** 2:48 p.m.

7. Which of the following has the largest dividend?
   (A) $95,750 \div 25$ **(B)** $95,760 \div 30$ **(C)** $95,780 \div 38$ **(D)** $94,800 \div 40$ **(E)** $94,700 \div 35$

8. Which has the largest product? You may round.
   (A) 402×901 **(B)** 399×890 **(C)** 398×892 **(D)** 397×894 **(E)** 396×896

9. You are standing in a line that contains 617 people total. If 348 people are standing in front of you, how many people are standing behind you?
   (A) 265 **(B)** 266 **(C)** 267 **(D)** 268 **(E)** 269

10. Which will produce the smallest remainder?
   (A) $60,427 \div 67$ **(B)** $60,429 \div 67$ **(C)** $60,431 \div 67$ **(D)** $60,433 \div 67$ **(E)** $60,435 \div 67$

11. Which statement has the smallest difference?
   (A) $36,468 - (8,468 - 5,379)$ **(B)** $36,467 - (8,468 - 5,379)$ **(C)** $36,467 - (8,467 - 5,379)$
   (D) $36,467 - (8,466 - 5,379)$ **(E)** $36,467 - (8,465 - 5,379)$

12. What is the sum of the two smallest prime numbers greater than 88?
   (A) 162 **(B)** 180 **(C)** 182 **(D)** 186 **(E)** 188

13. How much greater is $(7 \times 10,000) + (0 \times 1,000) + (1 \times 100) + (6 \times 10) + (0 \times 1)$ than
$(5 \times 10,000) + (8 \times 1,000) + (6 \times 100) + (9 \times 10) + (8 \times 1)$?
   (A) 11,462 **(B)** 11,472 **(C)** 11,562 **(D)** 12,462 **(E)** 21,462

14. A wall is 100 feet long and 6 feet high. If a gallon of paint will cover 400 square feet, how many gallons of paint would be needed to paint both sides of the wall?

(A) 1.5   (B) 2.6   (C) 3   (D) 15   (E) 30

15. If the average worker can stuff 3 envelopes every minute, how long would it take 20 people to stuff 18,000 envelopes?

(A) 5 hours   (B) 10 hours   (C) 30 hours   (D) 100 hours   (E) 300 hours

16. If Henry averaged 16 points a game for his first 9 games and he averaged 18 points for his final 7 games, what was his total average for the whole season? Round to the nearest integer.

(A) 14   (B) 15   (C) 16   (D) 17   (E) 18

17. Which of the following simplifies to the largest number?

(A) $66\dfrac{3}{4} \div \left(13\dfrac{1}{3} \times 2\dfrac{1}{2}\right)$ (B) $66\dfrac{3}{4} \div \left(13\dfrac{1}{3} \times 2\dfrac{4}{9}\right)$ (C) $66\dfrac{3}{4} \div \left(13\dfrac{2}{7} \times 2\dfrac{4}{9}\right)$

(D) $66\dfrac{11}{16} \div \left(13\dfrac{2}{7} \times 2\dfrac{4}{9}\right)$ (E) $66\dfrac{23}{32} \div \left(13\dfrac{2}{7} \times 2\dfrac{4}{9}\right)$

18. If the area of a rectangle is 80 square feet and the length is 16 feet, find the perimeter.

(A) 5 feet   (B) 21 feet   (C) 26 feet   (D) 40 feet   (E) 42 feet

19. Turtle A crawled 4 yards, 1 foot, 1 inch and Turtle B crawled 3 yards, 2 feet, 3 inches. How much farther did Turtle A crawl than turtle B?

(A) 1 ft. 8 in.   (B) 1 ft. 9 in.   (C) 1 ft. 10 in.   (D) 8 ft. 8 in.   (E) 1 yd. 1 ft. 2 in.

20. What value of x will produce the next number in the following sequence?

$$80 + 20, \quad 20 + 30, \quad 30 - 5, \quad x - 12$$

(A) -0.5   (B) 0.5   (C) 12.5   (D) 24.5   (E) 25

21. If a basketball goal is lowered 32 inches from a height of 10 feet, how many feet high will the goal be?

(A) $7\dfrac{1}{3}$ (B) $7\dfrac{1}{2}$ (C) $7\dfrac{2}{3}$ (D) $8\dfrac{1}{3}$ (E) $8\dfrac{2}{3}$

22. Write $\dfrac{18}{10}$ as a percent.

(A) 0.18%   (B) 1.8%   (C) 18%   (D) $55.\overline{5}$%   (E) 180%

23. You left your house at 2:00 p.m. and arrived at your relatives house 3 hours early. What time should you have left to get there on time?

(A) 11:00 a.m.   (B) 11:00 p.m.   (C) 5:00 a.m.   (D) 5:00 p.m.   (E) not enough information

24. Which number is divisible by 2, 3, and 5?

(A) 5900   (B) 7600   (C) 8300   (D) 10,010   (E) 10,010,010

25. A large pool has a diameter of 24 feet and a small pool has a diameter of 12 feet. The radius of the larger pool is how much longer than the radius of the smaller pool?

(A) 4 feet   (B) 6 feet   (C) 8 feet   (D) 10 feet   (E) 12 feet

MATH 7 PRACTICE TEST 1 ANSWERS

1. E	2. A	3. C	4. E	5. D
6. B	7. C	8. A	9. D	10. E
11. B	12. D	13. A	14. C	15. A
16. D	17. C	18. E	19. C	20. D
21. A	22. E	23. D	24. E	25. B