

Gr. 5 (FORM A) Math Answer Keys

5th Math

Part A: Math Computation

| | | | |
|------|------|------|------|
| 1.C | 11.B | 21.D | 31.C |
| 2.B | 12.B | 22.C | 32.C |
| 3.C | 13.B | 23.D | 33.B |
| 4.A | 14.B | 24.D | 34.A |
| 5.C | 15.C | 25.C | 35.C |
| 6.D | 16.D | 26.B | 36.D |
| 7.B | 17.B | 27.A | 37.A |
| 8.D | 18.D | 28.C | 38.C |
| 9.C | 19.B | 29.A | 39.C |
| 10.A | 20.A | 30.C | 40.C |

Math Computation

(Grade 5)

DIRECTIONS:

This section is made up of math problems. Read each problem carefully and then mark your answer on the answer sheet. A sample problem is shown below.

Math Computation Sample S1

$$\begin{array}{r} \text{S1. } 12 \\ + 6 \\ \hline \end{array}$$

- A. 6
- B. 15
- C. 18
- D. 20

The correct answer is C. Find Math Computation Sample S1 on your answer sheet. Fill in the circle with the letter C as shown below.

S1. (A) (B) (C) (D)

- ▲ You will have **40 MINUTES** to complete the problems in this section.
- ▲ You may write _____ on scratch paper, but you must mark your answers on the answer sheet.
- ▲ There is only one correct answer for each problem.
- ▲ If you change your mind about an answer, erase it and fill in the new one.
- ▲ Do not spend too much time on any one problem. Work on as many problems as you can.
- ▲ You may **not** use a calculator to solve the problems.
- ▲ Mark your answers on the section of the answer sheet that says **MATH COMPUTATION**.

Do you have any questions?



DO NOT TURN THE PAGE UNTIL YOU ARE TOLD TO DO SO.

1. $3,373 + 168 =$

- A. 3,205
- B. 3,431
- C. 3,541
- D. 5,053

2. $72,052 + 7,206 + 961 =$

- A. 79,258
- B. 80,219
- C. 88,868
- D. 89,169

3. $34 \times 926 =$

- A. 6,482
- B. 20,264
- C. 31,484
- D. 39,818

4. $5 \overline{)107} =$

- A. 21 R2
- B. 22 R2
- C. 201 R2
- D. 210 R2

5. $456 \times 701 =$

- A. 10,515
- B. 219,656
- C. 319,656
- D. 2,843,256

6. $15 \times 333 \times 801 =$

- A. 1,149
- B. 4,995
- C. 5,796
- D. 4,000,995

7. $624 \div 146 =$

- A. 4
- B. 4 R40
- C. 4 R140
- D. 5

8. $5.3094 + 6.8243 =$

- A. 11.1237
- B. 11.1337
- C. 12.1237
- D. 12.1337

9.
$$\begin{array}{r} 0.3 \\ 0.7 \\ \hline \end{array}$$

- A. 0.14
- B. 1.04
- C. 1.4
- D. 10.4

10.
$$\begin{array}{r} 0.84 \\ -0.36 \\ \hline \end{array}$$

- A. 0.48
- B. 1.20
- C. 4.8
- D. 12.0

11. $7.686 - 1.342 =$

- A. 0.344
- B. 6.344
- C. 6.444
- D. 9.028

12. $10.944 \div 0.32 =$

- A. 34
- B. 34.2
- C. 64
- D. 164

Go on to the next page.

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2 pp*



13.



$$\frac{2}{10} \quad \bigcirc \quad \frac{1}{3}$$

- A. $\frac{2}{10} > \frac{1}{3}$
 B. $\frac{2}{10} < \frac{1}{3}$
 C. $\frac{2}{10} = \frac{1}{3}$
 D. none of the above

14.



$$\frac{2}{4} \quad \bigcirc \quad \frac{2}{3}$$

- A. $\frac{2}{4} > \frac{2}{3}$
 B. $\frac{2}{4} < \frac{2}{3}$
 C. $\frac{2}{4} = \frac{2}{3}$
 D. none of the above

15. $\frac{6}{10} + \frac{3}{10} =$

- A. $\frac{20}{9}$
 B. $\frac{9}{20}$
 C. $\frac{9}{10}$
 D. $\frac{10}{9}$

16. $\frac{2}{5} + \frac{4}{5} =$

- A. $\frac{6}{25}$
 B. $\frac{2}{5}$
 C. $\frac{5}{6}$
 D. $\frac{6}{5}$

17. $\frac{7}{10} - \frac{3}{10} =$

- A. $\frac{4}{20}$
 B. $\frac{4}{10}$
 C. $\frac{10}{20}$
 D. $\frac{20}{10}$

18. $3 \div \frac{1}{2} =$

- A. $\frac{3}{2}$
 B. 3
 C. $\frac{7}{2}$
 D. 6

19. $4 - 2\frac{7}{8} =$

- A. $\frac{1}{8}$
 B. $1\frac{1}{8}$
 C. $2\frac{1}{8}$
 D. $6\frac{7}{8}$

20. $0.515 \times 0.02 =$

- A. 0.0103
 B. 0.1030
 C. 1.0300
 D. 103

5 places to left

21. $3\frac{1}{2} \div \frac{1}{4} =$

- A. $\frac{7}{8}$
 B. 13
 C. $13\frac{1}{2}$
 D. 14

Go on to the next page.



22. Simplify.

$$8 + 11\left(3 - \frac{1}{2}\right)$$

- A. $19\frac{1}{2}$
- B. $27\frac{1}{2}$
- C. $35\frac{1}{2}$
- D. $42\frac{1}{2}$

23. $4^2 =$

- A. 2
- B. 6
- C. 8
- D. 16

24. $2\frac{4}{7} \times 6\frac{2}{3} =$

- A. $12\frac{8}{21}$
- B. $12\frac{10}{25}$
- C. $13\frac{5}{21}$
- D. $17\frac{3}{21}$

25. $7^3 =$

- A. 10
- B. 21
- C. 343
- D. 2,187

26. Simplify.

$$(8 - y) + 4$$

- A. $-y + 4$
- B. $-y + 12$
- C. $-4y + 8$
- D. $-4y + 32$

27. If $2(x + 4) = 14$, then $x =$

- A. 3
- B. 5
- C. 10
- D. 11

28. If $8(n - 5) = 27$, then $n =$

- A. $2\frac{3}{4}$
- B. 4
- C. $8\frac{3}{8}$
- D. 67

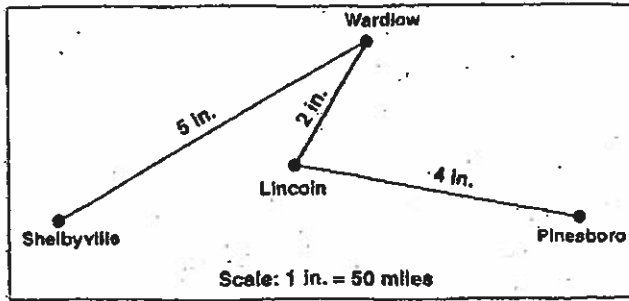
29. If $(9a - 2a) + 6 = 27$, then $a =$

- A. 3
- B. 4.91
- C. 7
- D. 21

30. If $2(3y - 4) - 5 = 7y + 25 - (4y + 8)$, then $y =$

- A. -6
- B. $6\frac{2}{3}$
- C. 10
- D. $11\frac{2}{3}$

31. How far is Wardlow from Shelbyville?



- A. 50 miles
- B. 200 miles
- C. 250 miles
- D. 300 miles

32. Which is the correct estimate for the height of a refrigerator?

- A. 6 centimeters
- B. 6 inches
- C. 6 feet
- D. 6 yards

33. Estimate the height of an average front door to a house.

- A. 2 feet
- B. 7 feet
- C. 12 feet
- D. 20 feet

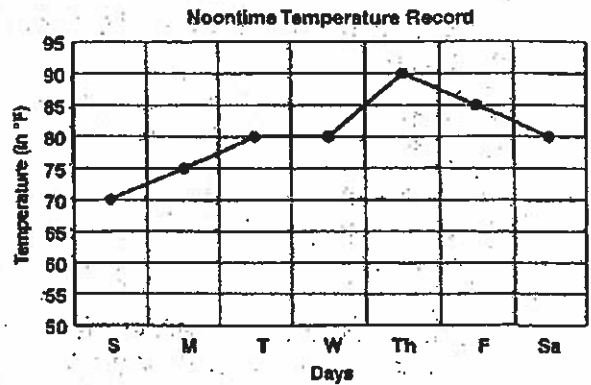
34. A fire engine's fuel tank can hold about 1,100 _____ of gasoline.

- A. liters
- B. pounds
- C. ounces
- D. milliliters

35. Carlos is 2 meters tall. How tall is he in centimeters?

- A. 2
- B. 20
- C. 200
- D. 2,000

36. The graph below shows the noontime temperature reading at Bluffdale Airport seven days in a row.



Which is a true statement about this graph?

- A. Friday was the warmest day.
- B. Monday was cooler than Sunday.
- C. The temperature went up each day.
- D. The temperature was the same for three days.

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MATH

Sample Item

S1. A B C D

- | | | | |
|-------------|-------------|-------------|-------------|
| 1. A B C D | 11. A B C D | 21. A B C D | 31. A B C D |
| 2. A B C D | 12. A B C D | 22. A B C D | 32. A B C D |
| 3. A B C D | 13. A B C D | 23. A B C D | 33. A B C D |
| 4. A B C D | 14. A B C D | 24. A B C D | 34. A B C D |
| 5. A B C D | 15. A B C D | 25. A B C D | 35. A B C D |
| 6. A B C D | 16. A B C D | 26. A B C D | 36. A B C D |
| 7. A B C D | 17. A B C D | 27. A B C D | 37. A B C D |
| 8. A B C D | 18. A B C D | 28. A B C D | |
| 9. A B C D | 19. A B C D | 29. A B C D | |
| 10. A B C D | 20. A B C D | 30. A B C D | |

Gr. 6