

**CIE 2016 Math Comp Math Fun
Answer Key**

Name: _____ **ID:** _____ **Grade:** 1
Room: _____ **Start Time:** _____ **Finish Time:** _____

| No. | Answer |
|-----|--------|
| 1 | A |
| 2 | D |
| 3 | D |
| 4 | C |
| 5 | B |
| | |
| 6 | D |
| 7 | D |
| 8 | C |
| 9 | A |
| 10 | A |
| | |
| 11 | D |
| 12 | B |
| 13 | C |
| 14 | C |
| 15 | B |
| | |
| 16 | A |
| 17 | B |
| 18 | B |
| 19 | C |
| 20 | D |
| | |
| 21 | C |
| 22 | D |
| 23 | A |
| 24 | B |
| 25 | C |

| No. | Answer |
|-----|--------|
| 26 | C |
| 27 | D |
| 28 | C |
| 29 | D |
| 30 | A |
| | |
| 31 | B |
| 32 | D |
| 33 | |
| 34 | |
| 35 | |
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CIE-USA/DFW

Math Competition 2016

Grade 1

30 questions

45 minutes

Notes:

1. Make sure to write all your answers on the answer sheet. Only the answer sheet will be graded.
2. Each question carries the same weight. If you get stuck on one question, move on and work on the easier problems first.
3. Bonus questions will be counted only when there is a tie using common questions.

Name (Please print) _____

Room (Please print) _____

1. Which number is missing from this sequence?

16, 20, __, 28, 32, 36, 40

A.24

B.27

C.22

D. 23

2. Penny is measuring the weight of her pets. The rabbit weighs 9 pounds and the cat weighs 15 pounds. She also wants to know how many pounds her dog weighs. Her Mom told her the dog is 8 pounds more than the rabbit. How heavy is the dog?

A: 23 pounds

B: 24 pounds

C: 18 pounds

D: 17 pounds

3. Today is Tuesday. What day of the week is 4 days before yesterday?

A. Monday

B. Tuesday

C. Wednesday

D. Thursday

4. What is the mode? What is the range?

1, 4, 5, 4, 2, 4, 5, 5, 10, 1, 4

A: Mode: 11; range: 4

B: Mode: 11; range: 9

C: Mode: 4; range: 9

D: Mode: 5; range: 11

5. Jonny has 27 marbles. He put 6 marbles in a white bag, 9 marbles in a red bag, and 4 marbles in a blue bag. He holds the remaining marbles in his hands. How many marbles is he holding in his hands?

A: 7

B: 8

C: 9

D: 10

6. How many squares and triangles are there in the following Drawing?



A. 10

B. 12

C. 14

D. 15

7. Some students at Oak Point Middle School signed up to help out with the school play.

| School play Committees | | |
|------------------------|------|-------|
| Committee | Boys | Girls |
| Music | 19 | 11 |
| Lighting | 15 | 3 |
| Sound | 13 | 5 |
| Costume | 11 | 17 |
| Casting | 19 | 15 |

How many more girls than boys are on the costume committee?

A. 8

B. 2

C. 4

D. 6

8. Jason and Mark put 80 cookies in four bags. If they put the same number in each bag, how many cookies in each bag?

A. 18 cookies

B. 19 cookies

C. 20 cookies

D. 21 cookies

9. Finish the following skip-counting. Which one ___ is not 24?

A: 8, 13, 18, __, 28, 33, 38, 43, 48

B: 3, 6, 9, 12, 15, 18, 21, __, 27, 30

C: 4, 8, 12, 16, 20, __, 28, 32

D: 10, 12, 14, 16, 18, 20, 22, __, 26, 28

10. Which sign makes the statement true?

(5 4) ÷ 5 = 4

A. x

B. -

C. +

D. ÷

11. When Ann was born, Michael was 3. Now Ann is 9 years old. How old is Michael?

A. 9

B. 10

C. 11

D. 12

12. Grandma used 4 packs of flour to make 30 cookies. How many cookies can she make with 6 packs of flour?

A. 35

B. 45

C. 55

D. 65

13. Jerry has 3 boxes of crayons. Each box has 14 crayons. He has 19 less crayons than Peter. How many crayons does Peter have?

- A. 14 B. 23 C. 61 D. 121**

14. Kate and Aidan had 32 stickers in all on Monday. On Tuesday, Aidan gave Kate 4 stickers, so they had the same number of stickers. How many stickers did Aidan have at the beginning?

- A. 4 B.17 C. 20 D. 32**

15. Eddie had some marbles. His cousin gave him 20 more. He lost 9 of them. Now he has 41 marbles. How many did he start with?

- A. 20 B. 30**
C. 32 D. 61

16. Sam writes a total of 93 words on 7 blank cards. He writes 13 words on each of the first 6 cards. How many words does Sam write on the last card?

- A. 15 B. 16 C. 17 D.18**

17. Anna bakes 63 muffins. If she packs 9 muffins into each box. How many boxes does she need?

- A. 6 B. 7 C. 8 D. 9**

18. August watched a cartoon in the afternoon. It lasted 3 hours. 4 hours after the cartoon, he went to bed at 9 O'clock. What time did the cartoon start?

A. 1pm. B. 2pm C. 3pm. D. 4pm.

19. Which set of numbers is arranged in order from greatest to least?

- A. 378, 387, 390, 389, 389 B. 378, 390, 389, 398, 387
C. 398, 390, 389, 387, 378 D. 389, 389, 390, 387, 378

20. Aunt Anna is 42 years old. Caitlin is 5 years younger than Brianna, and Brianna is half as old as Aunt Anna. How old is Caitlin?

- A. 10 B. 12 C. 14 D.16

21. Charlie noticed that they were running out of nails so left to buy some. If they still have 9 nails left and Charlie bought 2 boxes of nails, the big one containing 55 nails and the small one containing 31, how many nails would he have?

- A. 62 B. 86 C.95 D 110

22. What is the difference of the range and mode of the number below?
1, 5, 2, 13, 6, 2, 2, 11, 5

- A.7 B. 8 C. 9 D. 10

23. What should be in the space below?
 $20 + (__ \div 2) = 27$

- A.14 B.16 C.18 D.20

BONUS QUESTIONS

31. What is the number in the blank below?

$$(6+9+9-10)\div 2=?$$

A.6

B.7

C.8

D.9

32. Justin ran the race for 78 seconds. Then he walked for 63 seconds. How much total time?

A. 141 minutes.

B. 1 minute and 41 seconds.

C. 2 minutes 41 seconds

D. 2 minutes and 21 seconds