Name: _____   Class: _____   Date: _____

Unit 04 PC Form A

1. ✏️ **Use pencil and paper to answer the question.**

   Use your ruler to measure the line segment to the nearest $\frac{1}{2}$ centimeter.

   ―――――――――――――

   About _____ cm

2. ✏️ **Use pencil and paper to answer the question.**

   Measure the line segments to the nearest $\frac{1}{2}$ centimeter.

   a. ―――――――――――

   About _____ cm

   b. ――――――――――――――――

   About _____ cm

3. ✏️ **Use pencil and paper to answer the question.**

   Use your ruler to measure the line segment to the nearest $\frac{1}{2}$ centimeter.

   ―――――――

   About _____ cm

4. ✏️ **Use pencil and paper to answer the question.**
   Use your ruler to measure the line segment to the nearest half-centimeter.

   ――――――――――――――――

   _____ cm

5. ✏️ **Use pencil and paper to answer the question.**
   Draw a line segment 9.5 centimeters long.

Unit 04 PC Form A

6. 🖎 **Use pencil and paper to answer the question.**

Solve each open sentence.

a. $r + 529 = 898$

$r =$ _____

b. $92 - c = 69$

$c =$ _____

c. $m * 6 = 42$

$m =$ _____

d. $45 / n = 9$

$n =$ _____

7. Write > or < to make a true number sentence.
   9.77 _____ 9.9

8. 🖎 **Use pencil and paper to answer the question.**

Write > or < to make a true number sentence.

a. 0.8 _____ 0.54

b. 8.7 _____ 8.38

c. $5.7 + 6.5$ _____ $7.9 + 4.8$

d. $6.55 - 6.36$ _____ $7.5 - 6.6$

9. Write > or < to make a true number sentence.

   $3.5 + 6.6$ _____ $3.8 + 6.9$

10. Write > or < to make a true number sentence.

   $4.46 - 4.17$ _____ $8.3 - 6.4$

11. 🖎 **Use pencil and paper to answer the question.**
    Write the following numbers in order from smallest to largest.
    0.002, 0.08, 4.3, 4.05, 0.8, 0.2
    _____ _____ _____ _____ _____ _____
    smallest   largest

12. 🖎 **Use pencil and paper to answer the question.**
    Write two numbers between 0 and 1. Use decimals.
    _____, _____

Unit 04 PC Form A

13. 🖊️ **Use pencil and paper to answer the question.**

   a. Write two numbers between 6 and 7. Use decimals.

   _____, _____

   b. Write two numbers between 0 and 1. Use decimals.

   _____, _____

14. 🖊️ **Use pencil and paper to answer the question.**
   Use your ruler to measure the line segment to the nearest centimeter.

   ─────────────────

   About _____ cm

15. 🖊️ **Use pencil and paper to answer the question.**
   List the first ten multiples of 9.

   _____, _____, _____, _____, _____,

   _____, _____, _____, _____, _____

16. 🖊️ **Use pencil and paper to answer the question.**
   a. List the first six multiples of 6.

   _____, _____, _____, _____, _____, _____

   b. Is 6 a prime number or a composite number? _____

17. 🖊️ **Use pencil and paper to answer the question.**
   List the factor pairs of 18.
   _____ and _____
   _____ and _____
   _____ and _____

18. 🖊️ **Use pencil and paper to answer the question.**
   a. List the factor pairs of 28.
   _____ and _____
   _____ and _____
   _____ and _____

   b. Is 28 a prime number or a composite number? _____

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19. Add mentally or with a paper-and-pencil algorithm.

   $_____ = \$34.42 + \$3.47$

20. Add mentally or with a paper-and-pencil algorithm.

   $7.4 + 3.6 = _____$

21. Add mentally or with a paper-and-pencil algorithm.

   $45.61 + 8.7 = _____$

22. Subtract mentally or with a paper-and-pencil algorithm.

   $_____ = \$33.65 - \$1.53$

23. Subtract mentally or with a paper-and-pencil algorithm.

   $41.6 - 1.8 = _____$

24. Subtract mentally or with a paper-and-pencil algorithm.

   $_____ = 36.4 - 29.88$

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25. ✏️ **Use pencil and paper to answer the question.**
    Add or subtract mentally or with a paper-and-pencil algorithm.

   a. $24.22 + $4.44 = $_____   **b.** _____ = 9.2 + 1.2

   c. _____ = 52.91 + 3.4   **d.** $11.75 − $3.34 = $_____

   e. 38.5 − 8.9 = _____   **f.** _____ = 54.1 − 47.73

26. Solve the open sentence.

   $401 + r = 731$ $r =$ _____

   a. 330   b. 320   c. 1132   d. 340

27. Solve the open sentence.

   $74 − a = 18$ $a =$ _____

   a. 56   b. 66   c. 92   d. 82

28. Solve the open sentence.

   $20 = x * 4$ $x =$ _____

   a. 5   b. 4   c. 16   d. 80

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29. Solve the open sentence.

$28 / t = 4$ $t =$ _____

a. 7   b. 112   c. 24   d. 6

30. Write the decimal as a fraction.
0.2 = _____

a. $\frac{2}{10}$ b. $\frac{2}{1}$ c. $\frac{2}{100}$ d. $\frac{2}{1,000}$

31. **▰▷ Use pencil and paper to answer the question.**
Write each decimal as a fraction.
a. $0.3 =$ _____   **b.** $0.39 =$ _____   **c.** $0.961 =$ _____

32. **▰▷ Use pencil and paper to answer the question.**
Use your ruler to measure and record the line segment to the nearest millimeter. Then write your answer in centimeters.

_____

_____ mm, _____ cm

33. **▰▷ Use pencil and paper to answer the question.**
Use your ruler to measure and record the line segments to the nearest millimeter.
Then write your answer in centimeters.

a.   _____

_____ mm, _____ cm

b.   _____

_____ mm, _____ cm

34. **▰▷ Use pencil and paper to answer the question.**
Use your ruler to measure and record the line segments to the nearest millimeter.
Then write your answer in centimeters.

A _____ B

a.

_____ mm, _____ cm

C _____ D

b.

_____ mm, _____ cm

Unit 04 PC Form A

35. 🖍️ **Use pencil and paper to answer the question.**

Mrs. Carmona had $97.16 in her savings account. She deposited $32.50. A week later, she deposited $36.25. What is the new balance in her savings account?

$_____

Write what you did to find the answer.

_____

_____

_____

_____

36. 🖍️ **Use pencil and paper to answer the question.**
Marissa was working with base-10 blocks. She was using the big cube as the ONE. The flats were tenths. The longs were hundredths. Marissa counted 13 longs—
"one-hundredth, two-hundredths, three-hundredths, four-hundredths, five-hundredths, six-hundredths, seven-hundredths, eight-hundredths, nine-hundredths, ten-hundredths, eleven-hundredths, twelve-hundredths, thirteen-hundredths"
She wrote 0.013 to show what the blocks were worth. Is Marissa right? Explain.

_____

_____

_____

_____

37. 🖍️ **Use pencil and paper to answer the question.**
Forming a Relay Team

Mr. Ren, the gym teacher, wants to form 3 teams for a 200-yard relay race. There will be 4 students on each team. Each student will run 50 yards.

The table below shows how long it took some fourth-grade students to run 50 yards the last time they had a race. They were timed to the nearest tenth of a second.

Runner	Time (seconds)

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Roxy	6.3
Gracia	6.5
Peter	6.8
Matthew	7.2
Andrea	7.9
Abigail	8.3
Adam	6.6
Shane	6.9
Nicholas	7.1
Elizabeth	7.5
Melissa	8.5
Lisa	8.8

a. Help Mr. Ren create 3 teams that will be fairly evenly matched. He will use their times from the last race to predict about how fast they will run in the relay race.

Write the names of the four students that you think should be on each team.
Estimate about how long you think it will take each team to complete the race.

Names of 4 Students on Each Team   Estimated Team Time

Team 1:_____   About: ____.____ seconds

Team 2:_____   About: ____.____ seconds

Team 3:_____   About: ____.____ seconds

b. Explain how you made your teams so that they would be fairly matched.

_____

_____