Name: _____

(First Name, Last Name, Cursive)

2025 - 2026
Rising Fifth Grade
Summer Math Packet

Directions:

1. Complete each page of the packet
2. Be sure to read the directions carefully - skip a problem you are not sure of and go back to it later
3. Show ALL of your work - ALL WORK MUST BE SHOWN FOR FULL CREDIT (Extra paper may be used for work. Please include this with your packet.)
4. Try to work on your packet each week of the summer so you don't fall behind.
5. The packet will be graded and will count as a quiz grade.
6. Packet is due Friday, September 5, 2025

If you have any questions regarding the summer math packet, please feel free to contact Mrs. Holmes at **pholmes@sfdscs.org**.

Summer Math: Rising 5th-Grade

Do not use the calculator. Answer each question in the space provided.

Addition, Subtraction, Patterns, and Graphs

1. Subtract. Check by adding.

5.200 – 2.677 – 543	Add to check:

2. a. Round the prices to the nearest dollar. Use the rounded prices to estimate the total bill.

crackers $1.28, cheese $8.92, jam $3.77, butter $9.34.

b. Now, use the exact prices (not rounded prices). Mrs. Wood buys the items listed above and pays with $30. What is her change?

3. *Estimate* the cost of buying five notebooks for $0.87 each and two pencil cases for $1.24 each.

4. Calculate in the right order.

a. $3 \times (4 + 6) =$ _____	b. $3 \times 3 + 8 \div 4 =$ _____	c. $20 \times 3 + 80 \div 1 =$ _____
$100 - 4 \times 4 =$ _____	$(7 - 3) \times 3 + 2 =$ _____	$15 + 2 \times (8 - 6) =$ _____

5. Circle the number sentence that fits the problem. Then solve for x.

a. Alice had $35. Then she earned more money (x). Now she has $92. $\$35 + x = \$92$ OR $\$35 + \$92 = x$ $x =$ _____	b. Eric gave 24 of the cookies he had baked to a friend and now he has 37 cookies left. $37 - 24 = x$ OR $x - 24 = 37$ $x =$ _____

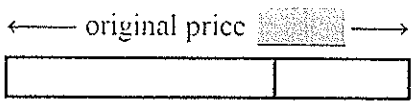
6. a. Continue this pattern for four more numbers:

2,000 1,750 1,500 1,250

b. Write a list of six numbers that follows this pattern: Start at 200, and add 300 each time.

7) Write an addition or a subtraction with an unknown (x or ?). Solve it. The bar model can help.

Rubber boots used to cost $27.95 but now the price is $21.45. How much is the discount?



_____

_____

Large Numbers and Place Value

8) . Subtract from whole thousands.

a. 2,000 − 1 = _____	b. 5,000 − 20 = _____	c. 6,000 − 300 = _____

9) . Write the numbers in the normal form. (standard form : 36,425)

a. 800 thousand 50

b. 25 thousand 4 hundred 7

10) Find the missing numbers.

a. 30,550 = 50 + _____ + 500 b. 809,100 = 800,000 + 100 + _____

c. 725,608 = 20,000 + 700,000 + 8 + _____ + 5,000

11) Compare, writing $<$, $>$, or $=$ between the numbers.

a. 54.500 55.400	b. 108,882 108.828	c. 71.600 61.700

12) Write the numbers in order from the smallest to the greatest.
217.200 227.712 27.200 227.200

13) . Round the numbers as the dashed line indicates (to the underlined digit).

a. 436.102 ≈ 430,000 b. 89.756 ≈ c. 27.529 ≈

14) Round to the nearest ten thousand.

a. 426.889 ≈ b. 495.304 ≈ c. 7.345 ≈

15) Calculate. Line up all of the place value units carefully.

a. 476,708 + 24,392 + 563

b. 405,112 − 81,424

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  476,708
   24,392
+     563
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Multi-Digit Multiplication

16) Multiply, and find the missing factors.

a. $70 \times 3 =$ _____	b. $6 \times 800 =$ _____	c. $40 \times 80 =$ _____
d. _____ $\times 3 = 360$	e. $50 \times$ _____ $= 4{,}000$	f. _____ $\times 300 = 21{,}000$

17) Ed earns $20 per hour.

a. How much will he earn in an 8-hour workday? _____

b. How much will he earn in a 40-hour workweek? _____

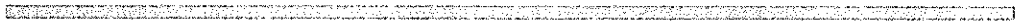
c. How many days will he need to work in order to earn at least $600? _____

18) Multiply. Estimate the answer on the line.

a. 5 × 196	b. 35 × 38	c. 7 × 3,188	d. 89 × 22
≈ 1,000	≈ _____	≈ _____	≈ _____
196 → 200 × 5 → × 5 about 1000			

Time and Measuring

19) Measure the lines below to the nearest inch and also in centimeters and millimeters.



a. _____ in. or _____ cm _____ mm

b. _____ in. or _____ cm _____ mm

20) How much time passes from 10:54 a.m. till 5:06 p.m.?

21) Luis kept track of how long it took him to do his homework:

Monday	Tuesday	Wednesday	Thursday	Sunday
1 h 45 min	50 min	1 h 15 min	2 h 15 min	55 min

How much time did he spend with homework in total?

Division and Factors

22) Divide. Check each problem by multiplying.

a. 567 ÷ 9 Check:

)

b. 8,564 ÷ 4 Check:

)

23) Solve.

a. $47 \div 5 =$ _____ R ___	b. $25 \div 3 =$ _____ R ___	c. $57 \div 9 =$ _____ R ___

33. Solve.

a. Amy put 48 photographs into an online photo album.
On each page she could fit nine photos.
How many photos were on the last page?

How many pages were full?

$9\overline{)48}$

b. You bought a 50-foot roll of chain-link fence that cost $150.
Then you sold 12 feet of it to your neighbor.
How much did your neighbor pay?

24) Fill in.

a. Is 5 a factor of 60? _____, because ____ × ____ = _____.	b. Is 7 a divisor of 43? _____, because ____ ÷ ____ = _____.
c. Is 96 divisible by 4? _____, because _____.	d. Is 34 a multiple of 7? _____, because _____.

25) List three prime numbers.

26) Find all the factors of the given numbers.

a. 56 factors:	b. 78 factors:

27) Write the fractions and mixed numbers as decimals.

a. $\frac{3}{10} = 0.3$	b. $3\frac{9}{10} = 3.9$	c. $\frac{9}{100} =$	d. $7\frac{45}{100} =$

28) Write the decimals as fractions or mixed numbers.

a. $0.6 = \frac{6}{10}$	b. $6.7 = 6\frac{7}{10}$	c. $0.21 =$	d. $5.05 =$

29. Write the equivalent fractions.

a. $\frac{2}{3} = \frac{\square}{15}$ b. $\frac{3}{5} = \frac{9}{\square}$ c. $\frac{1}{6} = \frac{\square}{12}$ d. $\frac{1}{3} = \frac{\square}{9}$

30. Compare the fractions.

a. $\frac{2}{3} \square \frac{3}{8}$ b. $\frac{6}{5} \square \frac{7}{8}$ c. $\frac{11}{12} \square \frac{11}{10}$ d. $\frac{1}{3} \square \frac{5}{12}$

31. Write these fractions in order, from the smallest to the greatest: $\frac{5}{4}, \frac{7}{10}, \frac{65}{100}$

32. A recipe calls for 3/4 cup of flour. If you triple the recipe, how much flour do you need?

33. Fill in.

a. $\frac{3}{8} = \frac{3}{1} \cdot \frac{1}{8} = \frac{3}{8}$ b. $\frac{4}{1} \cdot \frac{2}{5} =$ c. $\frac{7}{1} \cdot \frac{2}{12} =$

34. Compare.

a. 0.17 $\square$ 0.2 b. 1.6 $\square$ 1.56 c. 13.09 $\square$ 13.9 d. 9.80 $\square$ 9.8

35. Add and subtract.

a. 7.81 + 5.2

$$\begin{array}{r} 7.81 \\ +\ 5.20 \\ \hline \end{array}$$

b. 6.1 − 2.36

$$\begin{array}{r} 6.10 \\ -\ 2.36 \\ \hline \end{array}$$