

Name: _____

Grade: Rising 7th

THIS PACKET IS DUE FRIDAY 08/15/2025

SJP2 Summer Math Packet

Purpose: We do summer math packets for two main reasons: 1) To review concepts from the previous school year and 2) To keep our brain thinking mathematically over the summer and help prevent summer slippage.

How to complete: The best way to complete this summer packet is to work on it throughout the summer. I do NOT recommend waiting until the week before school starts and I also do NOT recommend completing it all in May. Doing about a page a week is a great way to spread it out and do a little math throughout the summer.

Stuck?: Need help with a concept? Ask your parents, grandparents or siblings, they are great resources. Mrs. Kendrew will also be checking her email occasionally so you can always email her with a specific question. (jkendrew@sip2.us) Do not let confusion freeze you up in your progress. Skip a page and come back to it if you need to.

Need more practice?: We have just acquired an IXL subscription. Students may log on at home and work on any concepts from **the previous grade level or below**. Please **DO NOT** go ahead to next year's grade level/topics.

- To log onto IXL, visit this website: ixl.com/signin/saintpetersburg ... there will be a button for students to click and log in with their school Google Accounts.
- Any trouble logging in, please feel free to email me. I will be checking email throughout the summer except while I'm away June 6th - June 14th.

Good luck! Don't stress. Have fun! We will see you all back in August.

P.S. NO calculators Please. 😊

Strategy for 2's : Double

EX: $2 \times 8 = 8 + 8 = 16$

$$\begin{array}{r} 2 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 2 \\ \hline \end{array}$$

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NO
Charts



Strategy for 4's:

Double, Double

Multiplying by 4

EX:

$$6 \times 4 = 6 + 6 = 12 + 12 = 24$$

Math Drills Worksheet

$$\begin{array}{r} 4 \\ \times 9 \\ \hline \end{array}$$

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No
Charts



Strategy for 8's:

Double, Double, Double

Multiplying by 8

EX: $8 \times 4 = 4 + 4 = 8 + 8 = 16 + 16 = 32$

Math Drills Worksheet

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NO
Charts



Strategy for 9's: Finger Trick

Multiplying by 9

Math Drills Worksheet

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$$\begin{array}{r} 9 \\ \times 4 \\ \hline \end{array}$$

NO
Charts



Memorize: 3×3
 3×7
 3×6

Multiplying by 3

Math Drills Worksheet

$$\begin{array}{r} 6 \\ \times 3 \\ \hline \end{array}$$

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NO
Charts



Memorize : 6×6
 6×7

Multiplying by 6

and use other strategies

Math Drills Worksheet

$$\begin{array}{r} 2 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 6 \\ \hline \end{array}$$

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* use other strategies, but...
Memorize: 7×2

NO
charts



Multiplying by 7

Math Drills Worksheet

$$\begin{array}{r} 2 \\ \times 7 \\ \hline \end{array}$$

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$$\begin{array}{r} 11 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 7 \\ \hline \end{array}$$

NO
charts



Strategy for 12's:
x 2 and x 10

EX: 12×6
 $6 \times 2 = 12$
 $6 \times 10 = 60$
 $12 + 60 = 72$

Multiplying by 12

Math Drills Worksheet

$$\begin{array}{r} 12 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 11 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 11 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 11 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 11 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 11 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 9 \\ \hline \end{array}$$

Rising 7th Grade

Solve.

1) $437899 + 986754$

2) $340067 - 34298$

Round each to the place indicated.

3) $73,\underline{8}56$

4) $5\underline{9}4,705,189$

5) 9.8683 ; thousandths

6) $13,536$; thousands

Solve.

7) 2378×19

8) 4332×208

Solve.

9) $345 \div 6$

10) $1456 \div 13$

Evaluate each expression.

11) $4 + 4 \div 2^2 \times 4$

12) $1 + (13 \times 2 - 6) \div 4$

List all positive factors of each.

13) 18

14) 28

Find the GCF of each.

15) 24, 30

16) 48, 40

List five multiples of each number:

17) 8

18) 4

Find the LCM of each.

19) 6, 4

20) 30, 4

Simplify each fraction.

21) $\frac{36}{30}$

22) $\frac{70}{40}$

Solve. Simplify your answer if possible.

23) $\frac{14}{9} - \frac{2}{7}$

24) $\frac{3}{7} - \frac{1}{6}$

25) $4\frac{2}{3} + \frac{1}{6}$

26) $2\frac{5}{6} - 2\frac{1}{4}$

Solve. Simplify your answers if possible.

27) $\frac{2}{3} \times \frac{3}{4}$

28) $\frac{5}{8} \times \frac{3}{5}$

29) $1\frac{1}{2} \times \frac{5}{6}$

30) $2\frac{1}{10} \times \frac{1}{5}$

Find each quotient.

31) $\frac{10}{9} \div \frac{1}{2}$

32) $\frac{4}{3} \div \frac{3}{2}$

33) $1\frac{1}{2} \div 3\frac{1}{4}$

34) $2\frac{7}{10} \div \frac{3}{7}$

Evaluate each expression.

35) $7 + (-4)$

36) $(-3) + (-1)$

37) $8 - (-4)$

38) $7 - (-7)$

39) $(-4) + 3$

40) $(-8) + 3$

41) $5 - 1$

42) $4 - (-4)$

43) $(-7) + (-6)$

44) $(-4) - 8$

Find each product.

45) 6×-2

46) -3×-7

47) -8×7

48) -3×5

Find each quotient.

49) $36 \div 6$

50) $50 \div 10$

51) $81 \div 9$

52) $-28 \div -7$

Evaluate each using the values given.

53) $c + 3 + a - c \div 4$; use $a = 3$, and $c = 4$

54) $y + 3y + 6x$; use $x = 2$, and $y = 6$

Write each as an algebraic expression.

55) the product of 9 and 8

56) the quotient of 30 and 6

57) d increased by 6

58) the difference of n and 12

Simplify each expression.

59) $10a + a$

60) $b + 3b$

61) $6 - 7x - 4x$

62) $4b - 5b$

63) $4(1 + 5n)$

64) $9(-x - 6)$

65) $-4(x - 8)$

66) $3(9a - 1)$