

Name: _____

Rising 5th grade

*****THIS PACKET IS DUE FRIDAY 08/14/2026*****

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 1-2 pages 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. Most of all, do not let confusion freeze you up in your progress. Skip a page and come back to it if you need to. The videos on IXL are a great resource if you are stuck on a concept! You can search the topic or scroll through the skills. Simply go to “Learning” at the top of the page... then click math... skills, and select the right grade level.

Need more practice?: IXL is your friend! Unlimited problems, skills from every grade level topic, and examples and videos to help. 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/stjohnpaul2fl ... 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 jkendrew@sjp2.us .

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



“Summer math loss statistics indicate that the average student loses 25–34% of their school-year progress, while summer literacy loss reveals setbacks of 17–28% in prior school-year gains.” (source: mathnasium.com)

The summer slide is a real challenge that students face every year. But the good news is that students who engage in reading and math over the summer can greatly reduce the loss of skills and knowledge!

What can students do?

- read 20-30 minutes every day
- complete any assigned summer math packets (grade 5-8)
- use IXL to help reinforce skills from the previous school year

How to use IXL:

Our school is renewing our IXL subscription, and the great news is that students can access it at home!

- To log onto IXL, visit this website: [IXL.com/signin/stjohnnpaul2fl](https://www.ixl.com/signin/stjohnnpaul2fl)
- There will be a button for students to click and log in with their school Google Accounts.
- Any trouble logging in, please email your student's teacher from the 2025-2026 school year or Jacie Kendrew (jkendrew@sjp2.us).

What should students do while using IXL?

The best thing to do is for them to start with is to navigate to the previous year's skills and look for skills that they have not yet achieved proficiency on or have practiced yet.

- After logging in, at the top of the page, click “Learning”, then click “Math” or “English Language Arts”, then “Skills”, and select the grade level.
- There is also a section to go to recommendations from IXL based on grade level and previous practice.
- Some students depending on grade will also have a personalized NWEA MAP Skill Plan available to them under the MY IXL tab.
- We encourage students to reach a Smart Score of 80 to achieve proficiency. However, they can go back to skills that are already at 80 or 100, and practice additional problems.



SMARTSCORE CORNER

What is IXL's SmartScore?

The SmartScore is the best possible measure of how well your child understands a skill!
It factors in question difficulty, answer accuracy, and consistency.

You can adjust SmartScore goals as you go

Aim for 80 or 90, which shows a strong understanding of a skill. For an extra challenge, try for mastery (a score of 100).

The SmartScore is not a percentage score

Unlike percentage-based scoring, the SmartScore is truly smart. Even if a student gets a question wrong, it's always possible to reach a 100.

Taking breaks is always okay

If your child needs to pause their practice, they can always return to a skill later—all progress will be automatically saved!

**Have a wonderful summer.
We look forward to seeing you in August!**

NO
CHARTS



Strategy for 2's : Double

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

Multiplying by 2

Math Drills Worksheet

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

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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

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

Multiplying by 8

Math Drills Worksheet

$$\begin{array}{r} 8 \\ \times 6 \\ \hline \end{array}$$

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NO
CHARTS



Strategy for 9's: Finger Trick

Multiplying by 9

Math Drills Worksheet

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NO
CHARTS



* use other strategies, but...
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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$$\begin{array}{r} 6 \\ \times 12 \\ \hline \end{array}$$

NO
CHARTS



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

Multiplying by 7

Math Drills Worksheet

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

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

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

$$\begin{array}{r} 4 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 8 \\ \hline \end{array}$$

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

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

$$\begin{array}{r} 3 \\ \times 7 \\ \hline \end{array}$$

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

$$\begin{array}{r} 9 \\ \times 7 \\ \hline \end{array}$$

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

$$\begin{array}{r} 7 \\ \times 6 \\ \hline \end{array}$$

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

$$\begin{array}{r} 8 \\ \times 7 \\ \hline \end{array}$$

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

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

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

$$\begin{array}{r} 7 \\ \times 6 \\ \hline \end{array}$$

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

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

$$\begin{array}{r} 8 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 3 \\ \hline \end{array}$$

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

$$\begin{array}{r} 9 \\ \times 7 \\ \hline \end{array}$$

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

$$\begin{array}{r} 3 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 7 \\ \hline \end{array}$$

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

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

$$\begin{array}{r} 6 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 4 \\ \hline \end{array}$$

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

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

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

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

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

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

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

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 5th Grade

Solve.

1) $4378 + 9867$

2) $12560 + 980$

3) $236678 + 7865$

4) $34567 - 342$

5) $1276 - 39$

6) $60072 - 381$

Write the name of each decimal place indicated.

7) 6,291

8) 629

9) 3,152

10) 61,551,525

Round each to the place indicated.

11) 986

12) 743,180

13) 836,591; tens

14) 65,998; hundreds

Solve.

15) 432×5

16) 2378×9

17) 260×12

18) 42×20

19) 123×35

20) 803×25

Solve.

21) $345 \div 6$

22) $1275 \div 9$

23) $456 \div 3$

24) $1260 \div 12$

Evaluate each expression.

25) $12 \div 4 \times 5$

26) $4 + 12 \div 6$

List all positive factors of each.

27) 18

28) 28

29) 30

30) 21

List five multiples of each number:

31) 8

32) 4

33) 11

34) 20

Simplify each fraction.

35) $\frac{70}{30}$

36) $\frac{48}{42}$

37) $\frac{48}{18}$

38) $\frac{28}{24}$

Solve. Simplify your answer if possible.

39) $\frac{8}{7} + \frac{5}{7}$

40) $\frac{27}{14} - \frac{25}{14}$

41) $\frac{11}{6} + \frac{7}{6}$

42) $\frac{7}{6} + \frac{7}{6}$

43) $\frac{11}{14} - \frac{1}{14}$

44) $\frac{2}{5} - \frac{1}{5}$