Sunset Middle School
Summer Math Packet

Dear Rising 7th Grade Students and Families,

We are excited to welcome you to 7th grade at Sunset Middle School for the 2026–2027 school year!

Attached you will find the Summer Math Packet. The skills included in this packet are important foundational concepts that will support your student's success in 7th grade math.

The packet is designed to be completed over the course of the summer. We encourage students to complete approximately one page per week to build fluency and maintain their math skills in a steady and manageable way.

Parents, we invite you to support your student by checking in on their progress and signing each section once it has been completed. If your student falls behind at any point, please don't be discouraged—simply pick up where they left off and keep going. Consistent effort over time makes a big difference.

All work should be completed without a calculator so that students can strengthen their number sense and problem-solving skills.

We look forward to beginning this new school year with you and can't wait to see the growth and confidence students build over the summer!

Mrs. DeHart

Math/Science Instructional Coach

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SMS Summer Math Packet

Complete week 1
Parent Signature: _____
Date: _____

1. $\frac{1}{4}+\frac{3}{2}$	2. $\frac{3}{10}-\frac{1}{5}$	3. $\frac{4}{9}-\frac{1}{3}$	4. $4-\frac{1}{8}$
5. Simplify: $2 \times 6 - 4$	6. Simplify: $10 + 4 \times 2$	7. Simplify: $12 - 6 \times 4$	8. Simplify: $10 - 4 + 2 \times 2$
9. $\frac{5}{2} \cdot \frac{6}{5} =$	10. $\frac{5}{3} \cdot \frac{3}{8} =$	11. $\frac{7}{10} \cdot \frac{2}{3} =$	12. $\frac{4}{5} \cdot \frac{6}{4} =$
13. Simplify: $4 \cdot 11 - 20$	14. Simplify: $3 + 15 \div 5$	15. Simplify: $99 - 5 \cdot 7 + 2$	16. Simplify: $4 \cdot 6 + 10 \div 2$

SMS Summer Math Packet

Complete week 2
Parent Signature: _____
Date: _____

1. Simplify: $\frac{3}{4}+\frac{1}{8}$	2. Simplify: $\frac{1}{2}+2\frac{1}{4}$	3. Simplify: $\frac{1}{6}+\frac{1}{4}$	4. Simplify: $\frac{1}{2}+\frac{3}{10}$
5. Simplify: $3-\frac{3}{4}$	6. Simplify: $4\frac{3}{4}-2\frac{1}{2}$	7. Simplify: $\frac{3}{4}-\frac{1}{8}$	8. Simplify: $\frac{5}{6}-\frac{1}{4}$
9. Simplify: $3 \cdot 12 - 19$	10. Simplify: $2 + 14 \div 7$	11. Simplify: $100 - 4 \cdot 6 + 5$	12. Simplify: $3 \cdot 5 + 12 \div 3$
13. Simplify: $\frac{3}{4}+\frac{1}{5}$	14. Simplify: $\frac{3}{5}+\frac{3}{8}$	15. Simplify: $\frac{6}{7}-\frac{2}{5}$	16. Simplify: $4-\frac{2}{5}$

Summer Math Packet

Complete week 3
Parent Signature: _____
Date: _____

1. 26.1 + .53	2. 110 - 0.9	3. 6.2 X 9	4. 0.54 ÷ 9
5. 144.3 + 12.3	6. 792 – 24.3	7. 5.23 X 4.2	8. 235.4 ÷ .3
9. 4.88 + 4.158	10. 64 X .127	11. 12.7 ÷ 5	12. 8.14 ÷ 2
13. 76.1 X 21	14. 52.7 ÷ 4	15. Jimmy buys a cheeseburger for $2.95, a drink for $1.25, a bag of fries for $1.95, and a candy bar for 85 cents. What is his total cost?	16. Sally had $8.88 in her pocket. At the store she bought a necklace for $4.90 and a bracelet for 2.95. How much money did she have left over?

Summer Math Packet

Complete week 4
Parent Signature: _____
Date: _____

1. $43.22 + 14.22$	2. $464 - 4.25$	3. 6.73×9	4. $934.2 \div .4$
5. $1\frac{2}{7} + 1\frac{1}{3} =$	6. $2\frac{1}{3} - \frac{4}{5} =$	7. $3\frac{2}{4} + 2\frac{3}{4} =$	8. $4\frac{1}{11} - 2\frac{1}{11} =$
9. $6\frac{4}{5} + \frac{5}{6} =$	10. $3\frac{3}{5} - 1\frac{8}{9} =$	11. $\frac{5}{2} + \frac{9}{5} =$	12. $9\frac{5}{9} - 3\frac{3}{9} =$
13. Yesterday Darrin started track practice after school at 3 P.M. Practice lasted 2.25 hours. What time did practice end?	14. Darrin practiced the following amounts of time last week: Monday, 2.5 hours; Tuesday, 2.25 hours; Wednesday 0.75 hours; Thursday, 1 hour; and Friday 2 hours. How long did he practice last week?	15. David has 28 pieces of candy and has to split it up between his 4 friends. If each friend gets the same amount of candy, how much will each get?	16. David works part-time in a local hobby shop. Last week he worked 9.5 hours and was paid $69.35. How much did he earn each hour?

Summer Math Packet

Complete week 5
Parent Signature: _____
Date: _____

1. $1\frac{4}{5}$ Percent: Decimal:	2. $\frac{5}{8}$ Percent: Decimal:	3. $\frac{20}{30}$ Percent: Decimal:	4. $3\frac{5}{10}$ Percent: Decimal:
5. .175 Fraction: Percent:	6. 3.22 Fraction: Percent:	7. 0.012 Fraction: Percent:	8. 0.86 Fraction: Percent:
9. 450% Fraction: Decimal:	10. 38.75% Fraction: Decimal:	11. 99.5% Fraction: Decimal:	12. 15% Fraction: Decimal:
13. Convert to a decimal. $\frac{3}{8}$	14. Convert to a fraction. Write in simplest form, if possible. .024	15. Convert to a fraction. Write in simplest form, if possible. 144%	16. Convert to a percent. $\frac{1}{20}$

Summer Math Packet

Complete week 6
Parent Signature: _____
Date: _____

1. $\frac{3}{4}+\frac{2}{9}$	2. $\frac{3}{4}-\frac{2}{6}$	3. 234.5×43	4. $78.7 \div .9$
5. Convert to a decimal. $\frac{5}{6}$	6. Convert to a fraction. Write in simplest form, if possible. .014	7. Convert to a fraction. Write in simplest form, if possible. 125%	8. Convert to a percent. $\frac{10}{110}$
9. $\frac{5}{2}+\frac{9}{5}=$	10. $\frac{7}{9}-\frac{2}{13}=$	11. $7\frac{1}{7}+2\frac{6}{15}=$	12. $15\frac{3}{5}+4\frac{1}{15}=$
13. You and your friend bring your left over pies to a pot luck. He has $2\frac{2}{5}$ pies and you have $4\frac{3}{7}$ pies. How many did you have together?	14. A bag contains 42 cups of dog food. Your dog eats $2\frac{1}{3}$ cups of food each day. How many days does the bag last?	15. You have 46 songs on your iPod which takes up 2.75 KB. How many songs does each KB store?	16. You have a 12 section garden. In 5 of the sections you plant tomatoes. What percent of your garden was tomatoes?

Summer Math Packet

Complete week 7.
Parent Signature: _____
Date: _____

1. $\frac{48}{132} \div \frac{4}{6} =$	2. $\frac{27}{48} \div \frac{3}{16} =$	3. $\frac{5}{6} \cdot \frac{14}{21} =$	4. $\frac{4}{11} \cdot \frac{22}{33} =$
5. $3\frac{6}{7} \div 5 =$	6. $1\frac{3}{4} \div 6 =$	7. Simplify: $48 \div 3 + 3.738$	8. Simplify: $3(3^3 + 11 \times 3)$
9. Simplify: $20 - 1^5 + (1^2 + 1)$	10. Simplify: $22 + 2^2 - 2 + (5 \times 5)$	11. Simplify: $2^3 + \frac{5}{12} + \frac{3}{4}$	12. Simplify: $11.2 \times 4 - 34.65$
13. A grocery store sells grapes for $1.99 per pound. You buy 2.34 pounds of grapes. How much do you pay?	14. You class buys a cake for your teacher's birthday. The cake costs $34.50 and there are 25 students in your class. How much does each student pay?	15. You and three friends run a 3.1 mile relay race. If each of you runs the same distance, how far does each person run?	16. How many $3\frac{3}{4}$ in pieces of ribbon can be cut from on ribbon that is $32\frac{1}{8}$ long?

Summer Math Packet

Complete week 8
Parent Signature: _____
Date: _____

1. $2\frac{1}{9} + \frac{4}{7}$	2. $3\frac{3}{5} - 1\frac{8}{9}$	3. 22.6 x 3.27	4. 43.1 ÷ .3
5. Solve for x. $\frac{48}{132} = \frac{4}{x}$	6. Solve for x. $\frac{27}{483} = \frac{x}{161}$	7. Solve for x. $\frac{x}{6} = \frac{14}{21}$	8. Solve for x. $\frac{4}{x} = \frac{22}{33}$
9. Solve for x. $\frac{2}{x} = \frac{7}{21}$	10. Solve for x. $\frac{7}{x} = \frac{56}{128}$	11. Solve for x. $\frac{x}{8} = \frac{9}{18}$	12. Solve for x. $\frac{4}{8} = \frac{x}{34}$
13. James has $22.33 in his coin jar. He spent $14.05 on a t-shirt. How much money does he have left over?	14. Luke is $4\frac{1}{2}$ feet tall and John is $5\frac{3}{4}$ feet tall. How much taller is John?	15. Reagan has 56.06 inches of ribbon. She wants to make bows that use 6.5 inches of ribbon. How many bows will she be able to make?	16. Janie is $4\frac{4}{7}$ feet tall and Jean is $4\frac{3}{4}$ feet tall. How tall are both of the girls together?

Summer Math Packet

Complete week 9
Parent Signature: _____
Date: _____

1. $9 \times 1\frac{1}{8} =$	2. $5 \times 3\frac{3}{5} =$	3 $4 \times 2\frac{1}{3} =$	4. $3\frac{1}{5} \div 4 =$
5. $10\frac{2}{7} + 4\frac{5}{8} =$	6. $5 - 2\frac{1}{4} =$	7. $2 \times 1\frac{3}{12} =$	8. $1\frac{3}{5} \div \frac{1}{4} =$
9. The King's ship sank with 8 gold bars aboard. The King paid Captain Nemo $\frac{4}{5}$ of one bar for finding the gold. The Captain gave $\frac{1}{2}$ of his gold to charity, what fraction of a bar went to charity?	10. There are 40 students at Ball High who play stringed instruments. Of these, $\frac{1}{4}$ play viola, $\frac{1}{5}$ play cello, and the rest play violin. How many students play violin?	11. Yikes McTugg bought $\frac{1}{2}$ pound of potato salad. He ate $\frac{2}{3}$ of it for lunch. How much potato salad was left for an afternoon snack?	12. There are 25 basketballs at the gym, and 3 are new. What percentage of the basketballs are new?
13. Martin has 8 pizzas. He wants to divide the pizza into fourths. How many slices of pizza will he have?	14. Katie's cookie recipe calls for $2\frac{4}{5}$ of flour. If Katie wants to quadruple this recipe, how much flour will she need?	15. Drew ran 40 yards in 15.7 seconds. How many yards did he run in 1 second?	16. Rylee has $4\frac{3}{4}$ inches of a fruit rollup left. What is this fraction written as a decimal?