

SUMMER MATH PACKET

RIISING FOURTH GRADER



60 DAYS
of focused practice



5 QUESTIONS
per day



300 PROBLEMS
to build confidence and skills

SKILLS PRACTICED:

- ✓ Addition & Subtraction
- ✓ Multiplication & Division
- ✓ Fractions & Decimals
- ✓ Measurement & Data
- ✓ Geometry
- ✓ Word Problems & Multi-Step Problems



This packet provides additional practice to **reinforce** foundational skills, **support retention**, and help **reduce** summer learning loss.



This packet is designed as on-level supplemental practice and is not intended to replace curriculum, instruction, assignments, or summer materials provided by a school or district.

NAME _____

DATE _____

How to Use This Packet

1. Keep it simple.

Complete one page per day. Five questions are enough to keep math moving without turning summer into another school day.

2. Show the work.

Use the space inside each question box. Draw models, write equations, and work step by step.

3. Try first, check second.

Complete all five questions before using the answer key.

4. Learn from misses.

Circle missed questions and try them again before moving on.

5. Celebrate consistency.

The goal is steady practice, stronger retention, and growing confidence.

Suggested daily time.

Plan for about 15–20 minutes of focused practice.

Summer Math Goal: Keep skills active, build confidence, and enter fourth grade ready to grow.

Table of Contents

60 days of focused practice · 5 days per topic

UNIT	SKILL FOCUS	DAYS	PAGES
01	Addition & Subtraction	1–5	4–8
02	Multiplication	6–10	9–13
03	Division	11–15	14–18
04	Fractions	16–20	19–23
05	Measurement & Data	21–25	24–28
06	Geometry	26–30	29–33
07	Place Value & Number Sense	31–35	34–38
08	Time & Money	36–40	39–43
09	Data & Graphs	41–45	44–48
10	Patterns & Algebra	46–50	49–53
11	Multi-Step Word Problems	51–55	54–58
12	Mixed Operations Review	56–60	59–63
	Answer Key	—	64–68

Day 1 · Addition & Subtraction

Name: _____

Date: _____

Score: ____ / 5

Q1. What is $438 + 257$?

Show your work:

Answer: _____

Q2. What is $764 - 329$?

Show your work:

Answer: _____

Q3. What is $586 + 143$?

Show your work:

Answer: _____

Q4. What is $900 - 468$?

Show your work:

Answer: _____

Q5. A library has 218 mystery books and 347 adventure books. How many books in all?

Show your work:

Answer: _____

Day 2 · Addition & Subtraction

Name: _____

Date: _____

Score: ____ / 5

Q6. What is $672 + 189$?

Show your work:

Answer: _____

Q7. What is $805 - 476$?

Show your work:

Answer: _____

Q8. What is $759 + 268$?

Show your work:

Answer: _____

Q9. What is $1,000 - 537$?

Show your work:

Answer: _____

Q10. A school collected 425 cans on Monday and 386 on Tuesday. How many cans total?

Show your work:

Answer: _____

Day 3 · Addition & Subtraction

Name: _____

Date: _____

Score: ____ / 5

Q11. What is $2,468 + 1,735$?

Show your work:

Answer: _____

Q12. What is $6,000 - 2,847$?

Show your work:

Answer: _____

Q13. What is $3,906 + 2,188$?

Show your work:

Answer: _____

Q14. What is $7,250 - 3,684$?

Show your work:

Answer: _____

Q15. A museum had 3,425 visitors Saturday and 2,876 Sunday. How many visitors total?

Show your work:

Answer: _____

Day 4 · Addition & Subtraction

Name: _____

Date: _____

Score: ____ / 5

Q16. Round 5,462 to the nearest hundred.

Show your work:

Answer: _____

Q17. Round 8,351 to the nearest thousand.

Show your work:

Answer: _____

Q18. Estimate $472 + 336$ by rounding each number to the nearest hundred.

Show your work:

Answer: _____

Q19. Estimate $7,284 - 3,118$ by rounding each number to the nearest thousand.

Show your work:

Answer: _____

Q20. A farm picked 2,420 apples and 1,680 pears. About how many pieces of fruit is that? Round each number to the nearest thousand.

Show your work:

Answer: _____

Day 5 · Addition & Subtraction

Name: _____

Date: _____

Score: ____ / 5

Q21. Noah had 1,480 cards, gave away 265, then received 120 more. How many cards does he have now?

Show your work:

Answer: _____

Q22. A theater sold 2,175 tickets Friday and 1,849 Saturday. How many more tickets were sold Friday?

Show your work:

Answer: _____

Q23. A stadium has 5,000 seats. Sections A and B hold 1,325 and 1,410 seats. How many seats are in other sections?

Show your work:

Answer: _____

Q24. Lena read 136 pages Monday, 104 Tuesday, and 128 Wednesday. How many pages total?

Show your work:

Answer: _____

Q25. A town had 6,000 trees. Workers removed 745 damaged trees and planted 315 new trees. How many trees now?

Show your work:

Answer: _____

Day 6 · Multiplication

Name: _____

Date: _____

Score: ____ / 5

Q26. What is 3×8 ?

Show your work:

Answer: _____

Q27. What is 4×7 ?

Show your work:

Answer: _____

Q28. What is 6×5 ?

Show your work:

Answer: _____

Q29. What is 9×3 ?

Show your work:

Answer: _____

Q30. There are 7 oranges in each bag. How many oranges are in 4 bags?

Show your work:

Answer: _____

Day 7 · Multiplication

Name: _____

Date: _____

Score: ____ / 5

Q31. What is 7×8 ?

Show your work:

Answer: _____

Q32. What is 9×9 ?

Show your work:

Answer: _____

Q33. What is 6×8 ?

Show your work:

Answer: _____

Q34. What is 7×6 ?

Show your work:

Answer: _____

Q35. A team has 8 players. How many players are on 7 teams?

Show your work:

Answer: _____

Day 8 · Multiplication

Name: _____

Date: _____

Score: ____ / 5

Q36. What property is shown by $5 \times 9 = 9 \times 5$?

Show your work:

Answer: _____

Q37. What property is shown by $(3 \times 4) \times 2 = 3 \times (4 \times 2)$?

Show your work:

Answer: _____

Q38. What is 27×1 ?

Show your work:

Answer: _____

Q39. What is 84×0 ?

Show your work:

Answer: _____

Q40. Use the distributive property to solve $7 \times (4 + 2)$.

Show your work:

Answer: _____

Day 9 · Multiplication

Name: _____

Date: _____

Score: ____ / 5

Q41. What is 8×10 ?

Show your work:

Answer: _____

Q42. What is 7×100 ?

Show your work:

Answer: _____

Q43. What is 4×30 ?

Show your work:

Answer: _____

Q44. What is 6×200 ?

Show your work:

Answer: _____

Q45. Each box holds 30 markers. How many markers are in 9 boxes?

Show your work:

Answer: _____

Day 10 · Multiplication

Name: _____

Date: _____

Score: ____ / 5

Q46. A room has 8 rows of 6 chairs. How many chairs?

Show your work:

Answer: _____

Q47. Each student needs 7 folders. How many folders do 9 students need?

Show your work:

Answer: _____

Q48. A baker makes 14 rolls per tray and fills 6 trays. How many rolls?

Show your work:

Answer: _____

Q49. There are 8 shelves with 9 games on each shelf. How many games?

Show your work:

Answer: _____

Q50. Tickets cost \$7 each. How much do 8 tickets cost?

Show your work:

Answer: _____

Day 11 · Division

Name: _____

Date: _____

Score: ____ / 5

Q51. What is $28 \div 7$?

Show your work:

Answer: _____

Q52. What is $40 \div 5$?

Show your work:

Answer: _____

Q53. What is $27 \div 3$?

Show your work:

Answer: _____

Q54. What is $36 \div 4$?

Show your work:

Answer: _____

Q55. 18 students form groups of 3. How many groups?

Show your work:

Answer: _____

Day 12 · Division

Name: _____

Date: _____

Score: ____ / 5

Q56. What is $64 \div 8$?

Show your work:

Answer: _____

Q57. What is $54 \div 6$?

Show your work:

Answer: _____

Q58. What is $49 \div 7$?

Show your work:

Answer: _____

Q59. What is $72 \div 8$?

Show your work:

Answer: _____

Q60. 63 crayons are shared equally among 9 students. How many crayons each?

Show your work:

Answer: _____

Day 13 · Division

Name: _____

Date: _____

Score: ____ / 5

Q61. If $6 \times 9 = 54$, what is $54 \div 9$?

Show your work:

Answer: _____

Q62. What number makes $___ \times 8 = 56$ true?

Show your work:

Answer: _____

Q63. What number makes $42 \div ___ = 6$ true?

Show your work:

Answer: _____

Q64. Write a multiplication fact that helps solve $32 \div 4$.

Show your work:

Answer: _____

Q65. 45 books are placed in 5 equal stacks. How many books per stack?

Show your work:

Answer: _____

Day 14 · Division

Name: _____

Date: _____

Score: ____ / 5

Q66. What is $19 \div 4$? Write the remainder.

Show your work:

Answer: _____

Q67. What is $26 \div 5$? Write the remainder.

Show your work:

Answer: _____

Q68. What is $34 \div 6$? Write the remainder.

Show your work:

Answer: _____

Q69. What is $29 \div 7$? Write the remainder.

Show your work:

Answer: _____

Q70. 23 campers ride in vans that hold 6 campers each. How many vans are needed?

Show your work:

Answer: _____

Day 15 · Division

Name: _____

Date: _____

Score: ____ / 5

Q71. 56 cookies are packed 7 per bag. How many bags?

Show your work:

Answer: _____

Q72. 72 students form teams of 9. How many teams?

Show your work:

Answer: _____

Q73. 48 chairs are arranged in 6 equal rows. How many per row?

Show your work:

Answer: _____

Q74. 54 stickers are shared equally among 6 students. How many each?

Show your work:

Answer: _____

Q75. 40 pencils are shared equally among 5 classrooms. How many per classroom?

Show your work:

Answer: _____

Day 16 · Fractions

Name: _____

Date: _____

Score: ____ / 5

Q76. What fraction represents 5 shaded parts out of 8 equal parts?

Show your work:

Answer: _____

Q77. What is the numerator in $\frac{7}{9}$?

Show your work:

Answer: _____

Q78. What is the denominator in $\frac{4}{11}$?

Show your work:

Answer: _____

Q79. A sandwich is cut into 6 equal pieces. You eat 2 pieces. What fraction did you eat?

Show your work:

Answer: _____

Q80. Write the fraction for 3 out of 7 equal parts.

Show your work:

Answer: _____

Day 17 · Fractions

Name: _____

Date: _____

Score: ____ / 5

Q81. Which is greater: $\frac{1}{3}$ or $\frac{1}{6}$?

Show your work:

Answer: _____

Q82. Which is greater: $\frac{5}{8}$ or $\frac{3}{8}$?

Show your work:

Answer: _____

Q83. Which is less: $\frac{2}{5}$ or $\frac{4}{5}$?

Show your work:

Answer: _____

Q84. Order least to greatest: $\frac{3}{5}$, $\frac{1}{5}$, $\frac{4}{5}$.

Show your work:

Answer: _____

Q85. Are $\frac{3}{6}$ and $\frac{1}{2}$ equivalent?

Show your work:

Answer: _____

Day 18 · Fractions

Name: _____

Date: _____

Score: ____ / 5

Q86. Write an equivalent fraction for $\frac{1}{3}$ with denominator 6.

Show your work:

Answer: _____

Q87. Write an equivalent fraction for $\frac{3}{4}$ with denominator 8.

Show your work:

Answer: _____

Q88. Write an equivalent fraction for $\frac{2}{5}$ with denominator 10.

Show your work:

Answer: _____

Q89. Is $\frac{4}{8}$ equivalent to $\frac{1}{2}$?

Show your work:

Answer: _____

Q90. Simplify $\frac{6}{12}$.

Show your work:

Answer: _____

Day 19 · Fractions

Name: _____

Date: _____

Score: ____ / 5

Q91. What is $\frac{2}{7} + \frac{3}{7}$?

Show your work:

Answer: _____

Q92. What is $\frac{7}{9} - \frac{4}{9}$?

Show your work:

Answer: _____

Q93. What is $\frac{1}{6} + \frac{4}{6}$?

Show your work:

Answer: _____

Q94. What is $\frac{8}{10} - \frac{3}{10}$?

Show your work:

Answer: _____

Q95. Kai ate $\frac{3}{8}$ of a pizza and Mia ate $\frac{2}{8}$. How much did they eat altogether?

Show your work:

Answer: _____

Day 20 · Fractions

Name: _____

Date: _____

Score: ____ / 5

Q96. Where is $\frac{1}{2}$ located on a number line from 0 to 1?

Show your work:

Answer: _____

Q97. A ribbon is $\frac{2}{5}$ green. What fraction is not green?

Show your work:

Answer: _____

Q98. Ava finished $\frac{4}{7}$ of a book. What fraction remains?

Show your work:

Answer: _____

Q99. A pie has 10 equal slices. Six are eaten. What fraction remains?

Show your work:

Answer: _____

Q100. Which is closer to 1: $\frac{5}{6}$ or $\frac{2}{6}$?

Show your work:

Answer: _____

Day 21 · Measurement & Data

Name: _____

Date: _____

Score: ____ / 5

Q101. How many centimeters are in 1 meter?

Show your work:

Answer: _____

Q102. How many inches are in 1 foot?

Show your work:

Answer: _____

Q103. How many feet are in 1 yard?

Show your work:

Answer: _____

Q104. A ribbon is 3 meters long. How many centimeters is that?

Show your work:

Answer: _____

Q105. A rope is 4 yards long. How many feet?

Show your work:

Answer: _____

Day 22 · Measurement & Data

Name: _____

Date: _____

Score: ____ / 5

Q106. How many ounces are in 1 pound?

Show your work:

Answer: _____

Q107. How many cups are in 1 pint?

Show your work:

Answer: _____

Q108. How many pints are in 1 quart?

Show your work:

Answer: _____

Q109. A package weighs 6 pounds. How many ounces?

Show your work:

Answer: _____

Q110. A container holds 5 quarts. How many pints?

Show your work:

Answer: _____

Day 23 · Measurement & Data

Name: _____

Date: _____

Score: ____ / 5

Q111. Find the perimeter of a rectangle 9 cm by 4 cm.

Show your work:

Answer: _____

Q112. Find the area of a rectangle 8 cm by 5 cm.

Show your work:

Answer: _____

Q113. A square has side length 7 inches. Find its perimeter.

Show your work:

Answer: _____

Q114. A square has side length 7 inches. Find its area.

Show your work:

Answer: _____

Q115. A garden is 10 m by 4 m. Find its perimeter and area.

Show your work:

Answer: _____

Day 24 · Measurement & Data

Name: _____

Date: _____

Score: ____ / 5

Q116. How many minutes are in 2 hours?

Show your work:

Answer: _____

Q117. How many seconds are in 3 minutes?

Show your work:

Answer: _____

Q118. A movie starts at 1:20 PM and lasts 1 hour 35 minutes. When does it end?

Show your work:

Answer: _____

Q119. School begins at 8:10 AM and ends at 3:10 PM. How long is the school day?

Show your work:

Answer: _____

Q120. It is 9:45 AM. What time will it be in 50 minutes?

Show your work:

Answer: _____

Day 25 · Measurement & Data

Name: _____

Date: _____

Score: ____ / 5

Q121. Data: 6, 8, 8, 10, 12. What is the range?

Show your work:

Answer: _____

Q122. Data: 6, 8, 8, 10, 12. What is the mode?

Show your work:

Answer: _____

Q123. A pictograph uses 1 star = 3 students. Five stars represent how many students?

Show your work:

Answer: _____

Q124. Survey results: Dogs 9, Cats 6, Fish 4. How many votes total?

Show your work:

Answer: _____

Q125. Using the same survey, how many more votes did Dogs receive than Fish?

Show your work:

Answer: _____

Day 26 · Geometry

Name: _____

Date: _____

Score: ____ / 5

Q126. How many sides does an octagon have?

Show your work:

Answer: _____

Q127. What is a polygon with 5 sides called?

Show your work:

Answer: _____

Q128. How many vertices does a hexagon have?

Show your work:

Answer: _____

Q129. Name a quadrilateral with 4 equal sides and 4 right angles.

Show your work:

Answer: _____

Q130. Name two different quadrilaterals.

Show your work:

Answer: _____

Day 27 · Geometry

Name: _____

Date: _____

Score: ____ / 5

Q131. What is an angle measuring exactly 90° called?

Show your work:

Answer: _____

Q132. What is an angle less than 90° called?

Show your work:

Answer: _____

Q133. What is an angle greater than 90° but less than 180° called?

Show your work:

Answer: _____

Q134. What are lines that never meet called?

Show your work:

Answer: _____

Q135. What are lines that meet at a right angle called?

Show your work:

Answer: _____

Day 28 · Geometry

Name: _____

Date: _____

Score: ____ / 5

Q136. How many lines of symmetry does a square have?

Show your work:

Answer: _____

Q137. How many lines of symmetry does an equilateral triangle have?

Show your work:

Answer: _____

Q138. Does a typical capital letter A have a vertical line of symmetry?

Show your work:

Answer: _____

Q139. Does a typical capital letter F have a line of symmetry?

Show your work:

Answer: _____

Q140. Name a common shape with exactly 2 lines of symmetry.

Show your work:

Answer: _____

Day 29 · Geometry

Name: _____

Date: _____

Score: ____ / 5

Q141. How many faces does a cube have?

Show your work:

Answer: _____

Q142. How many edges does a rectangular prism have?

Show your work:

Answer: _____

Q143. What 3D shape has two circular faces and one curved surface?

Show your work:

Answer: _____

Q144. How many vertices does a cube have?

Show your work:

Answer: _____

Q145. How many vertices does a square pyramid have?

Show your work:

Answer: _____

Day 30 · Geometry

Name: _____

Date: _____

Score: ____ / 5

Q146. A shape has 4 equal sides and 4 right angles. What is it?

Show your work:

Answer: _____

Q147. A triangle has one right angle. What kind of triangle is it?

Show your work:

Answer: _____

Q148. True or false: Every square is a rectangle.

Show your work:

Answer: _____

Q149. True or false: Every rectangle is a square.

Show your work:

Answer: _____

Q150. How is a rhombus different from a square?

Show your work:

Answer: _____

Day 31 · Place Value & Number Sense

Name: _____

Date: _____

Score: ____ / 5

Q151. Write in standard form: six thousand, two hundred forty-one.

Show your work:

Answer: _____

Q152. Write 8,307 in word form.

Show your work:

Answer: _____

Q153. What is the value of 7 in 47,125?

Show your work:

Answer: _____

Q154. What digit is in the hundreds place in 63,482?

Show your work:

Answer: _____

Q155. Write 5,906 in expanded form.

Show your work:

Answer: _____

Day 32 · Place Value & Number Sense

Name: _____

Date: _____

Score: ____ / 5

Q156. Compare using $<$, $>$, or $=$: 5,472 ____ 5,427.

Show your work:

Answer: _____

Q157. Order least to greatest: 4,321; 4,123; 4,231.

Show your work:

Answer: _____

Q158. Order greatest to least: 9,090; 9,900; 9,009.

Show your work:

Answer: _____

Q159. Make the greatest 4-digit number using 2, 8, 5, 1 once each.

Show your work:

Answer: _____

Q160. Make the least 4-digit number using 2, 8, 5, 1 once each.

Show your work:

Answer: _____

Day 33 · Place Value & Number Sense

Name: _____

Date: _____

Score: ____ / 5

Q161. Round 4,683 to the nearest ten.

Show your work:

Answer: _____

Q162. Round 7,349 to the nearest hundred.

Show your work:

Answer: _____

Q163. Round 5,621 to the nearest thousand.

Show your work:

Answer: _____

Q164. Round 3,449 to the nearest thousand.

Show your work:

Answer: _____

Q165. A stadium holds 21,648 fans. Round to the nearest thousand.

Show your work:

Answer: _____

Day 34 · Place Value & Number Sense

Name: _____

Date: _____

Score: ____ / 5

Q166. List the first 5 positive multiples of 6.

Show your work:

Answer: _____

Q167. Is 45 a multiple of 5?

Show your work:

Answer: _____

Q168. List all positive factors of 18.

Show your work:

Answer: _____

Q169. What is the greatest common factor of 6 and 9?

Show your work:

Answer: _____

Q170. Is 11 prime or composite?

Show your work:

Answer: _____

Day 35 · Place Value & Number Sense

Name: _____

Date: _____

Score: ____ / 5

Q171. Write the next 3 numbers: 7, 14, 21, 28, ____, ____, ____.

Show your work:

Answer: _____

Q172. What is the rule: 2, 6, 18, 54, ...?

Show your work:

Answer: _____

Q173. Find the missing number: 120, 110, ____, 90, 80.

Show your work:

Answer: _____

Q174. Write the next 3 square numbers: 1, 4, 9, 16, ____, ____, ____.

Show your work:

Answer: _____

Q175. Is 640, 600, 560, 520 increasing or decreasing, and by how much?

Show your work:

Answer: _____

Day 36 · Time & Money

Name: _____

Date: _____

Score: ____ / 5

Q176. The hour hand points to 4 and the minute hand points to 12. What time is it?

Show your work:

Answer: _____

Q177. The hour hand is between 6 and 7 and the minute hand points to 6. What time is it?

Show your work:

Answer: _____

Q178. How many minutes pass from 3:25 to 4:05?

Show your work:

Answer: _____

Q179. A show starts at 6:10 PM and ends at 6:55 PM. How long is it?

Show your work:

Answer: _____

Q180. What time is 25 minutes before 10:00 AM?

Show your work:

Answer: _____

Day 37 · Time & Money

Name: _____

Date: _____

Score: ____ / 5

Q181. A movie starts at 2:35 PM and lasts 1 hour 50 minutes. When does it end?

Show your work:

Answer: _____

Q182. Practice starts at 4:10 PM and ends at 5:45 PM. How long is practice?

Show your work:

Answer: _____

Q183. School starts at 8:00 AM. Lunch is 4 hours 15 minutes later. What time is lunch?

Show your work:

Answer: _____

Q184. Mia sleeps from 9:30 PM to 6:30 AM. How long does she sleep?

Show your work:

Answer: _____

Q185. A race begins at 11:25 AM and lasts 52 minutes. When does it end?

Show your work:

Answer: _____

Day 38 · Time & Money

Name: _____

Date: _____

Score: ____ / 5

Q186. Count 3 quarters + 2 dimes + 1 nickel.

Show your work:

Answer: _____

Q187. How many quarters make \$3.00?

Show your work:

Answer: _____

Q188. You have \$2.00, 3 dimes, and 4 pennies. How much money?

Show your work:

Answer: _____

Q189. A notebook costs \$0.65. You pay \$1.00. How much change?

Show your work:

Answer: _____

Q190. Give one way to make \$0.75 using coins.

Show your work:

Answer: _____

Day 39 · Time & Money

Name: _____

Date: _____

Score: ____ / 5

Q191. What is $\$4.38 + \3.27 ?

Show your work:

Answer: _____

Q192. What is $\$12.00 - \5.46 ?

Show your work:

Answer: _____

Q193. A game costs $\$6.75$ and a snack costs $\$2.49$. What is the total?

Show your work:

Answer: _____

Q194. You have $\$25.00$ and spend $\$16.80$. How much remains?

Show your work:

Answer: _____

Q195. Zoe earns $\$9.25$ for one chore and $\$7.50$ for another. How much total?

Show your work:

Answer: _____

Day 40 · Time & Money

Name: _____

Date: _____

Score: ____ / 5

Q196. A parking pass lasts 3 hours. You arrive at 9:40 AM. When does it expire?

Show your work:

Answer: _____

Q197. Four friends each pay \$3.75. What is the total?

Show your work:

Answer: _____

Q198. A store opens at 9:00 AM and closes at 5:30 PM. How long is it open?

Show your work:

Answer: _____

Q199. You save \$3.25 each week for 4 weeks. How much do you save?

Show your work:

Answer: _____

Q200. Tickets cost \$8.50 each. What is the cost of 5 tickets?

Show your work:

Answer: _____

Day 41 · Data & Graphs

Name: _____

Date: _____

Score: ____ / 5

Q201. Survey: Red=10, Blue=14, Green=7, Yellow=9. Which color has the most votes?

Show your work:

Answer: _____

Q202. How many more votes did Blue get than Green?

Show your work:

Answer: _____

Q203. How many votes were cast in all?

Show your work:

Answer: _____

Q204. Which color has the fewest votes?

Show your work:

Answer: _____

Q205. If 2 voters switch from Blue to Yellow, what are the new Blue and Yellow totals?

Show your work:

Answer: _____

Day 42 · Data & Graphs

Name: _____

Date: _____

Score: ____ / 5

Q206. Name four important parts of a bar graph.

Show your work:

Answer: _____

Q207. Data values are 2, 4, 5, and 7. Would a scale counting by 1s work?

Show your work:

Answer: _____

Q208. A graph scale counts by 5s to 25. List the scale values starting at 0.

Show your work:

Answer: _____

Q209. What is one difference between a bar graph and a pictograph?

Show your work:

Answer: _____

Q210. In a pictograph, each book symbol = 4 students. Six symbols represent how many students?

Show your work:

Answer: _____

Day 43 · Data & Graphs

Name: _____

Date: _____

Score: ____ / 5

Q211. On a line plot, what does each X usually represent?

Show your work:

Answer: _____

Q212. Data: 4, 5, 5, 5, 6, 7. Which value appears most?

Show your work:

Answer: _____

Q213. Using the same data, what is the range?

Show your work:

Answer: _____

Q214. Using the same data, how many data values are shown?

Show your work:

Answer: _____

Q215. What is a line plot useful for showing?

Show your work:

Answer: _____

Day 44 · Data & Graphs

Name: _____

Date: _____

Score: ____ / 5

Q216. Find the range: 9, 17, 12, 21, 15.

Show your work:

Answer: _____

Q217. Find the mode: 2, 4, 4, 6, 7, 4, 8.

Show your work:

Answer: _____

Q218. Find the median: 8, 3, 6, 1, 5.

Show your work:

Answer: _____

Q219. Find the mean: 12, 18, 24.

Show your work:

Answer: _____

Q220. A student scores 70, 80, 90, and 100. What is the mean?

Show your work:

Answer: _____

Day 45 · Data & Graphs

Name: _____

Date: _____

Score: ____ / 5

Q221. Class A mean score is 88 and Class B mean score is 84. Which is higher?

Show your work:

Answer: _____

Q222. In a group of 20 students, 12 prefer math. What fraction prefer math?

Show your work:

Answer: _____

Q223. True or false: The tallest bar represents the greatest value when the graph is drawn correctly.

Show your work:

Answer: _____

Q224. Most scores are between 90 and 95. What does that tell you?

Show your work:

Answer: _____

Q225. Why should a graph have a title and labels?

Show your work:

Answer: _____

Day 46 · Patterns & Algebra

Name: _____

Date: _____

Score: ____ / 5

Q226. Write the next 3 numbers: 4, 8, 12, 16, ____, ____, ____.

Show your work:

Answer: _____

Q227. What is the rule: 2, 7, 12, 17, ...?

Show your work:

Answer: _____

Q228. Find the missing number: 5, 10, ____, 20, 25.

Show your work:

Answer: _____

Q229. Write the next 3 numbers: 90, 80, 70, 60, ____, ____, ____.

Show your work:

Answer: _____

Q230. Create a 5-term number pattern and state its rule.

Show your work:

Answer: _____

Day 47 · Patterns & Algebra

Name: _____

Date: _____

Score: ____ / 5

Q231. Rule: Add 8. Input 4. What is the output?

Show your work:

Answer: _____

Q232. Rule: Multiply by 5. Input 7. What is the output?

Show your work:

Answer: _____

Q233. Rule: Subtract 6. Input 20. What is the output?

Show your work:

Answer: _____

Q234. Find the rule: $2 \rightarrow 6$, $4 \rightarrow 12$, $7 \rightarrow 21$.

Show your work:

Answer: _____

Q235. Find the rule: $12 \rightarrow 7$, $18 \rightarrow 13$, $25 \rightarrow 20$.

Show your work:

Answer: _____

Day 48 · Patterns & Algebra

Name: _____

Date: _____

Score: ____ / 5

Q236. Solve: $n + 7 = 19$.

Show your work:

Answer: _____

Q237. Solve: $30 - x = 18$.

Show your work:

Answer: _____

Q238. Solve: $8 \times y = 56$.

Show your work:

Answer: _____

Q239. Solve: $z \div 6 = 8$.

Show your work:

Answer: _____

Q240. Write and solve an equation: A number plus 11 equals 25.

Show your work:

Answer: _____

Day 49 · Patterns & Algebra

Name: _____

Date: _____

Score: ____ / 5

Q241. Solve: $5 + 3 \times 4$. Multiply first.

Show your work:

Answer: _____

Q242. Solve: $(5 + 3) \times 4$.

Show your work:

Answer: _____

Q243. Solve: $24 - 4 \times 5$.

Show your work:

Answer: _____

Q244. Solve: $(14 + 10) \div 6$.

Show your work:

Answer: _____

Q245. Why are parentheses used in an expression?

Show your work:

Answer: _____

Day 50 · Patterns & Algebra

Name: _____

Date: _____

Score: ____ / 5

Q246. A repeating pattern is circle, square, triangle. What is the 8th shape?

Show your work:

Answer: _____

Q247. Pattern: star, star, diamond, star, star, diamond. What comes next?

Show your work:

Answer: _____

Q248. Figure 1 has 2 tiles, Figure 2 has 5, Figure 3 has 8. If the pattern adds 3, how many tiles in Figure 4?

Show your work:

Answer: _____

Q249. Solve: $6 \times n = 54$.

Show your work:

Answer: _____

Q250. Find the rule: $3 \rightarrow 12$, $4 \rightarrow 16$, $5 \rightarrow 20$.

Show your work:

Answer: _____

Day 51 · Multi-Step Word Problems

Name: _____

Date: _____

Score: ____ / 5

Q251. A store sold 1,620 items in March and 1,945 in April. How many more in April?

Show your work:

Answer: _____

Q252. Eli had \$50. He spent \$17 on a game and \$8 on lunch. How much remains?

Show your work:

Answer: _____

Q253. A school wants 4,000 cans and has 2,375. How many more are needed?

Show your work:

Answer: _____

Q254. Town A has 11,850 people and Town B has 8,975. What is the combined population?

Show your work:

Answer: _____

Q255. 600 chairs were available. 245 were used in the morning and 216 later. How many remained unused?

Show your work:

Answer: _____

Day 52 · Multi-Step Word Problems

Name: _____

Date: _____

Score: ____ / 5

Q256. Eight classrooms each need 9 boxes of pencils. How many boxes total?

Show your work:

Answer: _____

Q257. A baker fills 7 trays with 11 cookies each. How many cookies?

Show your work:

Answer: _____

Q258. Tickets cost \$8 each. How much money is collected from 9 tickets?

Show your work:

Answer: _____

Q259. A garden has 6 rows with 8 plants per row. How many plants?

Show your work:

Answer: _____

Q260. A factory makes 225 toys per day for 6 days. How many toys?

Show your work:

Answer: _____

Day 53 · Multi-Step Word Problems

Name: _____

Date: _____

Score: ____ / 5

Q261. 84 students form teams of 7. How many teams?

Show your work:

Answer: _____

Q262. 72 stickers are shared among 8 students. How many each?

Show your work:

Answer: _____

Q263. \$96 is shared equally among 6 friends. How much each?

Show your work:

Answer: _____

Q264. 144 eggs are packed in cartons of 12. How many cartons?

Show your work:

Answer: _____

Q265. 126 books are placed equally on 9 shelves. How many per shelf?

Show your work:

Answer: _____

Day 54 · Multi-Step Word Problems

Name: _____

Date: _____

Score: ____ / 5

Q266. Nia buys 4 packs of pens at \$3 each and 2 notebooks at \$5 each. How much total?

Show your work:

Answer: _____

Q267. 28 students form 4 equal groups. Then 2 more students join each group. How many students per group now?

Show your work:

Answer: _____

Q268. Omar earns \$8 per hour. He works 4 hours Saturday and 3 hours Sunday. How much total?

Show your work:

Answer: _____

Q269. There are 8 bags with 7 apples each. If 19 apples are used, how many remain?

Show your work:

Answer: _____

Q270. A store has 9 shelves with 10 books each. After 26 books sell, how many remain?

Show your work:

Answer: _____

Day 55 · Multi-Step Word Problems

Name: _____

Date: _____

Score: ____ / 5

Q271. A store had 250 pencils. It sold 46 Monday, 39 Tuesday, and 55 Wednesday. How many remain?

Show your work:

Answer: _____

Q272. Maya saves \$6 each week for 7 weeks, then spends \$19. How much remains?

Show your work:

Answer: _____

Q273. A recipe uses 4 cups of flour per batch. A chef makes 6 batches and adds 3 extra cups. How many cups total?

Show your work:

Answer: _____

Q274. Five buses hold 42 students each. If 198 students ride, how many seats are empty?

Show your work:

Answer: _____

Q275. A garden has 5 rows of corn with 9 plants each and 3 rows of beans with 8 plants each. How many plants total?

Show your work:

Answer: _____

Day 56 · Mixed Operations Review

Name: _____

Date: _____

Score: ____ / 5

Q276. What is $4,275 + 1,638$?

Show your work:

Answer: _____

Q277. What is 8×9 ?

Show your work:

Answer: _____

Q278. What is $56 \div 7$?

Show your work:

Answer: _____

Q279. What fraction represents 5 of 9 equal parts?

Show your work:

Answer: _____

Q280. Round 7,451 to the nearest thousand.

Show your work:

Answer: _____

Day 57 · Mixed Operations Review

Name: _____

Date: _____

Score: ____ / 5

Q281. What is $6,000 - 2,745$?

Show your work:

Answer: _____

Q282. What is 7×8 ?

Show your work:

Answer: _____

Q283. What is $63 \div 9$?

Show your work:

Answer: _____

Q284. Write 6,408 in expanded form.

Show your work:

Answer: _____

Q285. Find the perimeter of a square with side length 8 cm.

Show your work:

Answer: _____

Day 58 · Mixed Operations Review

Name: _____

Date: _____

Score: ____ / 5

Q286. What is 6×9 ?

Show your work:

Answer: _____

Q287. What is $81 \div 9$?

Show your work:

Answer: _____

Q288. Which is greater: $\frac{5}{6}$ or $\frac{3}{6}$?

Show your work:

Answer: _____

Q289. Find the area of a rectangle 6 m by 9 m.

Show your work:

Answer: _____

Q290. A movie starts at 3:15 PM and lasts 1 hour 40 minutes. When does it end?

Show your work:

Answer: _____

Day 59 · Mixed Operations Review

Name: _____

Date: _____

Score: ____ / 5

Q291. What is $2,965 + 3,478$?

Show your work:

Answer: _____

Q292. What is $5 \times (4 + 3)$?

Show your work:

Answer: _____

Q293. What is $48 \div 6$?

Show your work:

Answer: _____

Q294. What is $\frac{2}{5} + \frac{1}{5}$?

Show your work:

Answer: _____

Q295. What is the value of 8 in 38,214?

Show your work:

Answer: _____

Day 60 · Mixed Operations Review

Name: _____

Date: _____

Score: ____ / 5

Q296. Solve: $6 \times 8 - 15 \div 5$.

Show your work:

Answer: _____

Q297. A garden is 11 m by 6 m. Find its area and perimeter.

Show your work:

Answer: _____

Q298. Eight shelves hold 9 books each. Then 17 more books are added. How many books now?

Show your work:

Answer: _____

Q299. Write the next 3 terms: 3, 9, 27, 81, ____, ____, ____.

Show your work:

Answer: _____

Q300. A trip costs \$240 per adult and \$120 per child. What is the total for 2 adults and 3 children?

Show your work:

Answer: _____

Answer Key

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Q#	Answer	Q#	Answer	Q#	Answer
Q1	695	Q21	1,335 cards	Q41	80
Q2	435	Q22	326 tickets	Q42	700
Q3	729	Q23	2,265 seats	Q43	120
Q4	432	Q24	368 pages	Q44	1,200
Q5	565 books	Q25	5,570 trees	Q45	270 markers
Q6	861	Q26	24	Q46	48 chairs
Q7	329	Q27	28	Q47	63 folders
Q8	1,027	Q28	30	Q48	84 rolls
Q9	463	Q29	27	Q49	72 games
Q10	811 cans	Q30	28 oranges	Q50	\$56
Q11	4,203	Q31	56	Q51	4
Q12	3,153	Q32	81	Q52	8
Q13	6,094	Q33	48	Q53	9
Q14	3,566	Q34	42	Q54	9
Q15	6,301 visitors	Q35	56 players	Q55	6 groups
Q16	5,500	Q36	Commutative Property	Q56	8
Q17	8,000	Q37	Associative Property	Q57	9
Q18	800	Q38	27	Q58	7
Q19	4,000	Q39	0	Q59	9
Q20	4,000 pieces of fruit	Q40	42	Q60	7 crayons

Answer Key - Continued

Q#	Answer	Q#	Answer	Q#	Answer
Q61	6	Q81	1/3	Q101	100 centimeters
Q62	7	Q82	5/8	Q102	12 inches
Q63	7	Q83	2/5	Q103	3 feet
Q64	$4 \times 8 = 32$	Q84	1/5, 3/5, 4/5	Q104	300 centimeters
Q65	9 books	Q85	Yes	Q105	12 feet
Q66	4 R3	Q86	2/6	Q106	16 ounces
Q67	5 R1	Q87	6/8	Q107	2 cups
Q68	5 R4	Q88	4/10	Q108	2 pints
Q69	4 R1	Q89	Yes	Q109	96 ounces
Q70	4 vans	Q90	1/2	Q110	10 pints
Q71	8 bags	Q91	5/7	Q111	26 cm
Q72	8 teams	Q92	3/9	Q112	40 square cm
Q73	8 chairs	Q93	5/6	Q113	28 inches
Q74	9 stickers	Q94	5/10	Q114	49 square inches
Q75	8 pencils	Q95	5/8	Q115	Perimeter 28 m; Area 40 square m
Q76	5/8	Q96	Halfway between 0 and 1	Q116	120 minutes
Q77	7	Q97	3/5	Q117	180 seconds
Q78	11	Q98	3/7	Q118	2:55 PM
Q79	2/6	Q99	4/10	Q119	7 hours
Q80	3/7	Q100	5/6	Q120	10:35 AM

Answer Key - Continued

Q#	Answer	Q#	Answer	Q#	Answer
Q121	6	Q141	6 faces	Q161	4,680
Q122	8	Q142	12 edges	Q162	7,300
Q123	15 students	Q143	Cylinder	Q163	6,000
Q124	19 votes	Q144	8 vertices	Q164	3,000
Q125	5 votes	Q145	5 vertices	Q165	22,000
Q126	8 sides	Q146	Square	Q166	6, 12, 18, 24, 30
Q127	Pentagon	Q147	Right triangle	Q167	Yes
Q128	6 vertices	Q148	True	Q168	1, 2, 3, 6, 9, 18
Q129	Square	Q149	False	Q169	3
Q130	Answers vary; e.g., rectangle and trapezoid	Q150	A rhombus does not have to have 4 right angles	Q170	Prime
Q131	Right angle	Q151	6,241	Q171	35, 42, 49
Q132	Acute angle	Q152	eight thousand, three hundred seven	Q172	Multiply by 3
Q133	Obtuse angle	Q153	7,000	Q173	100
Q134	Parallel lines	Q154	4	Q174	25, 36, 49
Q135	Perpendicular lines	Q155	$5,000 + 900 + 6$	Q175	Decreasing by 40
Q136	4	Q156	$5,472 > 5,427$	Q176	4:00
Q137	3	Q157	4,123; 4,231; 4,321	Q177	6:30
Q138	Yes	Q158	9,900; 9,090; 9,009	Q178	40 minutes
Q139	No	Q159	8,521	Q179	45 minutes
Q140	A non-square rectangle	Q160	1,258	Q180	9:35 AM

Answer Key - Continued

Q#	Answer	Q#	Answer	Q#	Answer
Q181	4:25 PM	Q201	Blue	Q221	Class A
Q182	1 hour 35 minutes	Q202	7 votes	Q222	12/20 or 3/5
Q183	12:15 PM	Q203	40 votes	Q223	True
Q184	9 hours	Q204	Green	Q224	Most scores are clustered between 90 and 95
Q185	12:17 PM	Q205	Blue 12; Yellow 11	Q225	So readers know what the data represents
Q186	\$1.00	Q206	Title, category labels, number scale, bars	Q226	20, 24, 28
Q187	12 quarters	Q207	Yes	Q227	Add 5
Q188	\$2.34	Q208	0, 5, 10, 15, 20, 25	Q228	15
Q189	\$0.35	Q209	A bar graph uses bars; a pictograph uses pictures or symbols	Q229	50, 40, 30
Q190	Answers vary; e.g., 3 quarters	Q210	24 students	Q230	Answers vary
Q191	\$7.65	Q211	One data value	Q231	12
Q192	\$6.54	Q212	5	Q232	35
Q193	\$9.24	Q213	3	Q233	14
Q194	\$8.20	Q214	6	Q234	Multiply by 3
Q195	\$16.75	Q215	How often values occur in a data set	Q235	Subtract 5
Q196	12:40 PM	Q216	12	Q236	$n = 12$
Q197	\$15.00	Q217	4	Q237	$x = 12$
Q198	8 hours 30 minutes	Q218	5	Q238	$y = 7$
Q199	\$13.00	Q219	18	Q239	$z = 48$
Q200	\$42.50	Q220	85	Q240	$n + 11 = 25$; $n = 14$

Answer Key - Continued

Q#	Answer	Q#	Answer	Q#	Answer
Q241	17	Q261	12 teams	Q281	3,255
Q242	32	Q262	9 stickers	Q282	56
Q243	4	Q263	\$16	Q283	7
Q244	4	Q264	12 cartons	Q284	$6,000 + 400 + 8$
Q245	To show which operation to do first	Q265	14 books	Q285	32 cm
Q246	Square	Q266	\$22	Q286	54
Q247	Star	Q267	9 students	Q287	9
Q248	11 tiles	Q268	\$56	Q288	5/6
Q249	$n = 9$	Q269	37 apples	Q289	54 square m
Q250	Multiply by 4	Q270	64 books	Q290	4:55 PM
Q251	325 items	Q271	110 pencils	Q291	6,443
Q252	\$25	Q272	\$23	Q292	35
Q253	1,625 cans	Q273	27 cups	Q293	8
Q254	20,825 people	Q274	12 seats	Q294	3/5
Q255	139 chairs	Q275	69 plants	Q295	8,000
Q256	72 boxes	Q276	5,913	Q296	45
Q257	77 cookies	Q277	72	Q297	Area 66 square m; Perimeter 34 m
Q258	\$72	Q278	8	Q298	89 books
Q259	48 plants	Q279	5/9	Q299	243, 729, 2,187
Q260	1,350 toys	Q280	7,000	Q300	\$840