📘 Rising 6th Grade Math 2026 Summer Packet-

Tennessee 5th Grade Standards Review

Name: _____
Date: _____

👦👩👧 Parent Letter

Dear Parents and Guardians,

Over the summer, it is important for students to continue practicing the math skills they learned during 5th grade. This packet is designed to review key concepts from the **Tennessee 5th Grade Math Standards** and help your child prepare for a successful start to 6th grade.

The packet includes **75 problems** covering:

- Numerical expressions
- Fractions
- Decimals
- Measurement (area, perimeter, and volume)
- Problem solving and reasoning

To help prevent students from feeling overwhelmed, the packet is divided into **weekly sections**. Students should complete **8–10 problems per week**.

Expectations:

- Students should work **independently**
- Show all work for each problem
- Try their best, even when problems are challenging

Thank you for your support in helping your child stay engaged in learning over the summer.

Sincerely,
Ami Moffatt

🌞 Student Directions

Welcome to your summer math packet!

This packet will help you **review what you learned in 5th grade** and get ready for 6th grade.

💡 How to Complete the Packet

- Complete **8–10 problems each week**
- Do not try to finish it all at once
- Take your time and do your best

✏️ Expectations

- Show all of your work
- Solve each problem on your own
- Draw and label shapes when needed
- Label your answers correctly

⭐ Challenge Problems

Problems marked with a ⭐ are more challenging. Try your best!

📅 Summer Math Plan

Week 1 (June 1–7) – Problems 1–10 ☐
Week 2 (June 8–14) – Problems 11–20 ☐
Week 3 (June 15–21) – Problems 21–30 ☐
Week 4 (June 22–28) – Problems 31–40 ☐
Week 5 (June 29–July 5) – Problems 41–50 ☐
Week 6 (July 6–12) – Problems 51–60 ☐
Week 7 (July 13–19) – Problems 61–68 ☐
Week 8 (July 20–31) – Problems 69–75 ☐

🔢 Section 1: Numerical Expressions (5.OA)

Write and evaluate numerical expressions

Evaluate means: find the value of the expression by solving it. Show all work.

---

1)
At summer camp, you earn **8 points per game** and get a **15-point bonus** at the end of the day.
You play 3 games. How many points do you earn in total?

2)
You buy **4 boxes of popsicles** with 6 in each box and give away 5 to friends.
How many popsicles do you have left?

3)
Evaluate:
$18 - 6 \times 3$

4)
Evaluate:
$45 \div (5 + 4)$

5)
Write an expression for the situation and solve:
You have 5 more than 3 times the number of seashells (6) you collected.

6)
Evaluate:
$30 - 6 \times 3$

7)
You go to an arcade and earn **12 tickets per game**. You play 5 games and then spend 8 tickets.
How many tickets do you have left?

8)
Evaluate:
$9 + 3 \times 2 + 5$

9) ⭐
Write and evaluate an expression for:
“Double the sum of 7 and 5, then add 10.”

10) ⭐
A snack stand sells drinks for $4 each. You buy 3 drinks and then spend $5 more on snacks.
Write an expression and find the total cost.

11)
Evaluate:
$100 \div (10 + 10)$

12) ⭐
Evaluate:
$6 \times (4 + 2)$ and $6 \times 4 + 2$

Which expression has the greater value?
Show your work and explain why.

13) ⭐
At a summer fair, your total points are calculated by:
$(10 + 5) \times 4$
Explain what each part of the expression could represent.

14)
Evaluate:
$24 \div 6 + 7 \times 2$

15) ⭐
A summer camp charges $8 per activity. You sign up for 4 activities and then pay a $5 registration fee.

Write an expression to represent the total cost and find the total.

.

🔢 Section 2: Fractions (5.NF)

Add, subtract, multiply, and divide fractions

Reminder:
Add/Subtract → common denominator
Multiply → straight across
Divide → multiply by the reciprocal

Foundations

Reduce problems 16-18.

16)

$\frac{6}{8} =$ _____

17)

$\frac{10}{15} =$ _____

18)

$\frac{12}{16} =$ _____

Change 19 -21 to improper fractions.

19)

$1\frac{1}{2} =$ _____

20)

$2\frac{3}{4} =$ _____

21)

$3\frac{2}{5} =$ _____

Change 22-24 to mixed numbers.

22)

$\frac{7}{4} =$ _____

23)

$\frac{11}{3} =$ _____

24)

$\frac{9}{2} =$ _____

Compute, show all work.

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

26) $\frac{5}{6} - \frac{1}{3}$

27) $\frac{3}{5} + \frac{7}{10}$

28) $\frac{7}{8} - \frac{3}{8}$

29). $\frac{3}{4} + \frac{2}{5}$

Word Problems

30) At a picnic, you drink $\frac{3}{4}$ liter of lemonade and $\frac{2}{5}$ liter of water.
How much did you drink in total?

31) You have $1\frac{3}{4}$ miles left to walk and complete $\frac{2}{3}$ mile.
How much distance do you still have left?

32) ⭐You have $2\frac{1}{2}$ cups of juice and use $\frac{3}{4}$ cup.
How much is left?

Multiplication: show work. Reduce fractions and change improper fractions to mixed numbers.

33) ¾ × 6

34) $\frac{2}{5} \times \frac{3}{4}$

35) 1 ½ × 3

Division: show work. Reduce fractions and change improper fractions to mixed numbers.

36). ¾ ÷ 2

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

38) 1 ½ ÷ 3

Challenge

39) ⭐

You walk $1\frac{1}{2}$ miles, then $\frac{1}{3}$ mile, and later repeat the same total distance.
How far did you walk in all?

Find the Error

40)

$$\frac{2}{3} + \frac{1}{4} = \frac{3}{7}$$

What mistake was made? Correct it.

41)

$$\frac{3}{5} \times \frac{2}{3} = \frac{6}{15}$$

What step is missing?

42)

$$2\frac{2}{4} = 2\frac{1}{2}$$

Is this correct? Explain.

🔢 Section 3: Decimals (5.NBT)

Add, subtract, multiply, and divide decimals

Reminder:

- When adding or subtracting decimals, line up the decimal points before solving.
- When multiplying decimals, multiply as if they are whole numbers and then place the decimal point in the correct position.
- When dividing decimals, carefully track place value and make sure the decimal is placed correctly in your answer.

Compute

43). 4.75 + 2.68

44). 8.34 − 5.47

45). 7.2 − 3.958

46). 3.67 + 0.85

Word Problems

47)
You have $20.00 at a summer fair. You spend $7.85 on food and $4.60 on games.
How much money do you have left?

48)
A kayak rental costs $12.75 per hour. You rent it for 2 hours.
What is the total cost?

49)
You walk 2.5 miles in the morning and 1.75 miles in the evening.
What is your total distance for the day?

50) ⭐
You have $15.00 and buy snacks for $3.75 and a drink for $2.85.
How much money do you have left?

Multiplication: Show all work.

51) 2.5 × 4.6

52) 3.25 × 1.4

53) 4.75 × 2.8

Division: Show all work

54) 6.48 ÷ 2.4

55)
9 ÷ 0.3

56) 7.35 ÷ 1.5

Challenge: Show all work.

57) ⭐. You share 8.4 pounds of watermelon equally among 4 friends. How much does each person get?

58) ⭐. A pool is filled with 15.6 gallons of water each hour. How much water is added in 3 hours?

59) ⭐ You walk 3.5 miles, then 1.75 miles, and later walk that same total distance again. How far did you walk in all?

Find the Error

Use words to describe the error and then correct the problem.

60). $2.5 + 0.75 = 2.80$

61). $4.2 \times 10 = 4.20$

62). $7.1 - 3.85 = 4.75$

63) ⭐. $0.4 \times 0.2 = 0.8$

📏 Section 4: Measurement (5.MD)

Find area, perimeter, and volume

Directions:
Solve each problem. **Show all of your work** and **label your answers correctly**.

- Use **ft (perimeter)**
- Use **ft² (area)**
- Use **ft³ (volume)**

Formulas:

- Area of a rectangle: A = length × width
- Perimeter: Add all side lengths
- Volume of a rectangular prism: V = length × width × height

Find the area: Show all work and label the answer correctly.

64)
Find the area.

Length = 6 ft
Width = 4 ft

Answer: _____ ft²

65)
Find the area.

Length = 9 m
Width = 7 m

Answer: _____

66).

Find the area of a square.

Side length = 5 cm

Answer: _____

Find the perimeter. Show all work and label the answer correctly.

67)
Find the perimeter of a rectangle.

Length = 10 ft
Width = 8 ft

Answer: _____ ft

68). Find the perimeter of a square.

Side length = 6 m

Answer: _____

69)
Find the perimeter of a triangle.

Side lengths: 5 cm, 7 cm, 8 cm

Answer: _____

Word Problems: Show all work and label the answer correctly.

70)
A beach towel is 8 ft long and 3 ft wide.
What is the area of the towel?

Answer: _____ ft^2

71)
A rectangular pool is 12 ft long and 5 ft wide.
What is the perimeter of the pool?

Answer: _____

72) ⭐
A rectangular garden is 10 m long and 6 m wide.
If you walk around the entire garden, how far do you walk?

Answer: _____

Volume: Show all work and label the answer correctly.

73)
Find the volume.

Length = 4 ft
Width = 3 ft
Height = 5 ft

Answer: _____ ft^3

74)
Find the volume.

Length = 6 m
Width = 2 m
Height = 3 m

Answer: _____

75) ⭐
A cooler is 5 ft long, 4 ft wide, and 3 ft high.
What is the volume of the cooler?

Answer: _____