



# INCOMING 7TH GRADE MATH SUMMER WORK 2026-2027

Name: \_\_\_\_\_

\*This summer work packet is the same for Glenolden, Norwood, Prospect Park & Tincium and should be completed by every incoming 7th grade student.

1. Simplify the expression below using order of operations.

$$3 \times (9 + 10) - 1$$

2. Simplify the expression below using order of operations.

$$1 + 6 - 6 + 1$$

3. Simplify the expression below using order of operations.

$$7 \times 9 - 7 + 2$$

4. Simplify the expression below using order of operations.

$$3 + 10 \times (5 - 3)$$

5. Simplify the expression below using order of operations.

$$4 + (8 + 9) - 3$$

6. Complete the standard multiplication algorithm for  $5.6 \times 5$ , including any "carried," or regrouped digits, if necessary.

$$\begin{array}{r} 5.6 \\ \times \quad 5 \\ \hline \end{array}$$

7. Complete the standard multiplication algorithm for  $7.6 \times 0.04$ , including any "carried," or regrouped digits, if necessary.

$$\begin{array}{r} 7.6 \\ \times 0.04 \\ \hline \end{array}$$

8. Complete the standard multiplication algorithm for  $9.6 \times 0.6$ , including any "carried," or regrouped digits, if necessary.

$$\begin{array}{r} 9.6 \\ \times 0.6 \\ \hline \end{array}$$

9. Complete the standard multiplication algorithm for  $7.5 \times 0.6$ , including any "carried," or regrouped digits, if necessary.

$$\begin{array}{r} 7.5 \\ \times 0.6 \\ \hline \end{array}$$

10. Complete the standard multiplication algorithm for  $2.5 \times 0.4$ , including any "carried," or regrouped digits, if necessary.

$$\begin{array}{r} 2.5 \\ \times 0.4 \\ \hline \end{array}$$

11. Rewrite  $\frac{38}{8}$  as a mixed number.

12. Rewrite  $\frac{27}{8}$  as a mixed number.

13. Rewrite  $\frac{8}{6}$  as a mixed number.

14. Rewrite  $\frac{17}{8}$  as a mixed number.

15. Rewrite  $\frac{10}{8}$  as a mixed number.

16. Convert  $5\frac{7}{9}$  into an improper fraction.

17. Convert  $\frac{8}{3}$  into a mixed number.

18. Convert  $\frac{47}{5}$  into a mixed number.

19. Convert  $\frac{11}{6}$  into a mixed number.

20. Convert  $1\frac{3}{5}$  into an improper fraction.

21. There are 8 circles and 6 squares. What is the simplest ratio of squares to circles?

22. There are 6 squares and 15 triangles. What is the simplest ratio of squares to total shapes?

23. There are 20 circles and 16 squares. What is the simplest ratio of squares to total shapes?

24. There are 4 squares and 6 triangles. What is the simplest ratio of squares to total shapes?

25. There are 3 triangles and 9 circles. What is the simplest ratio of triangles to total shapes?