

Trinity Catholic High School



Summer Math Work 2026-2027

The goal of these timed practice worksheets is to build math fluency, accuracy, and confidence. Work toward completing **50 math problems accurately in 2 minutes without a calculator**. There are six different worksheets to practice on throughout the summer. Do them as many times as necessary till you reach proficiency. These six (or more) practice worksheets will be turned in to your math teacher on the first day of school. You will be given a summative assessment on this type of fluency during the first week of school.

Directions for Students

1. Set a timer for 5 minutes with your first worksheet.
2. Begin working when you start the timer.
3. Solve each problem carefully and accurately.
4. Work across each row from left to right.
5. If you get stuck, skip the problem and move on.
6. Keep your pencil moving — focus on both speed and accuracy.
7. When time is called, immediately stop working and put your pencil down.
8. Check your score with a calculator and track your progress after each practice session.

Directions

<i>Practice Stage</i>	<i>Time Limit</i>	<i>Goal</i>
Beginning	5 minutes	Complete as many problems as possible accurately
Developing	4 minutes	Increase speed while maintaining accuracy.
Improving	3 minutes	Complete 35-40 problems accurately.
Fluent	2 minutes	Complete 45-50 problems accurately.

Goals

Mad Dash Week 6

Add.	$\begin{array}{r} 9 \\ +2 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ +4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ +9 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ +7 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ +8 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ +9 \\ \hline \end{array}$	$\begin{array}{r} 0 \\ +9 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ +9 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ +6 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ +3 \\ \hline \end{array}$
Subt ract.	$\begin{array}{r} 11 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 19 \\ -10 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -7 \\ \hline \end{array}$
Multiply.	$\begin{array}{r} 7 \\ \times 2 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ \times 1 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ \times 5 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ \times 3 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ \times 7 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ \times 8 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ \times 9 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ \times 5 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ \times 4 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ \times 9 \\ \hline \end{array}$
Divide.	$5 \overline{)20}$	$3 \overline{)12}$	$5 \overline{)15}$	$2 \overline{)16}$	$12 \overline{)72}$	$2 \overline{)14}$	$9 \overline{)90}$	$3 \overline{)24}$	$7 \overline{)28}$	$8 \overline{)96}$
Simplify the fraction.	$\frac{1}{4} = \frac{\quad}{\quad}$	$\frac{8}{18} = \frac{\quad}{\quad}$	$\frac{10}{24} = \frac{\quad}{\quad}$	$\frac{3}{18} = \frac{\quad}{\quad}$	$\frac{9}{9} = \frac{\quad}{\quad}$	$\frac{4}{12} = \frac{\quad}{\quad}$	$\frac{10}{14} = \frac{\quad}{\quad}$	$\frac{9}{81} = \frac{\quad}{\quad}$	$\frac{7}{21} = \frac{\quad}{\quad}$	$\frac{18}{20} = \frac{\quad}{\quad}$

Mad Dash Week 12

Add.	$\begin{array}{r} 2 \\ +3 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ +1 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ +9 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ +6 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ +1 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ +4 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ +3 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ +8 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ +8 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ +5 \\ \hline \end{array}$
Subtract.	$\begin{array}{r} 11 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -5 \\ \hline \end{array}$
Multiply.	$\begin{array}{r} 2 \\ \times 6 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ \times 4 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ \times 1 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ \times 9 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ \times 12 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ \times 9 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ \times 6 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ \times 0 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ \times 5 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ \times 8 \\ \hline \end{array}$
Divide.	$8 \overline{)56}$	$9 \overline{)54}$	$4 \overline{)28}$	$6 \overline{)0}$	$5 \overline{)20}$	$4 \overline{)36}$	$3 \overline{)36}$	$7 \overline{)7}$	$8 \overline{)64}$	$2 \overline{)24}$
Fraction to decimal.	$\frac{1}{3} =$	$\frac{2}{5} =$	$\frac{1}{4} =$	$\frac{8}{8} =$	$\frac{7}{10} =$	$\frac{4}{5} =$	$\frac{3}{4} =$	$\frac{1}{2} =$	$\frac{2}{3} =$	$\frac{3}{5} =$

Mad Dash Week 18

Add	$\begin{array}{r} 11 \\ +3 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ +2 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ +8 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ +3 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ +9 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ +10 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ +9 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ +5 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ +6 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ +0 \\ \hline \end{array}$
Subtract	$\begin{array}{r} 14 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 19 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -12 \\ \hline \end{array}$
Multiply	$\begin{array}{r} 5 \\ \times 0 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ \times 12 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ \times 7 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ \times 4 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ \times 8 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ \times 1 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ \times 8 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ \times 6 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ \times 6 \\ \hline \end{array}$	$\begin{array}{r} 0 \\ \times 9 \\ \hline \end{array}$
Divide	$5 \overline{)55}$	$6 \overline{)24}$	$8 \overline{)40}$	$6 \overline{)6}$	$8 \overline{)72}$	$12 \overline{)84}$	$9 \overline{)9}$	$8 \overline{)48}$	$9 \overline{)54}$	$6 \overline{)42}$
Simplify the fraction.	$\frac{4}{4} = \underline{\quad}$	$\frac{2}{18} = \underline{\quad}$	$\frac{6}{24} = \underline{\quad}$	$\frac{9}{18} = \underline{\quad}$	$\frac{10}{30} = \underline{\quad}$	$\frac{14}{22} = \underline{\quad}$	$\frac{15}{55} = \underline{\quad}$	$\frac{12}{54} = \underline{\quad}$	$\frac{18}{36} = \underline{\quad}$	$\frac{8}{20} = \underline{\quad}$

Mad Dash Week 24

Subtract.	$\begin{array}{r} 15 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 19 \\ -7 \\ \hline \end{array}$
Add.	$\begin{array}{r} 7 \\ +4 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ +3 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ +4 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ +1 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ +11 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ +1 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ +4 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ +6 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ +3 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ +4 \\ \hline \end{array}$
Multiply.	$\begin{array}{r} 5 \\ \times 9 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ \times 2 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ \times 11 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ \times 9 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ \times 2 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ \times 4 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ \times 6 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ \times 9 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ \times 9 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ \times 7 \\ \hline \end{array}$
Divide.	$9 \overline{)18}$	$5 \overline{)15}$	$6 \overline{)30}$	$6 \overline{)72}$	$4 \overline{)24}$	$12 \overline{)60}$	$9 \overline{)54}$	$4 \overline{)48}$	$7 \overline{)63}$	$8 \overline{)64}$
Fraction to decimal.	$\frac{2}{3} =$	$\frac{1}{4} =$	$\frac{1}{10} =$	$\frac{1}{8} =$	$\frac{1}{3} =$	$\frac{1}{2} =$	$\frac{2}{3} =$	$\frac{3}{10} =$	$\frac{9}{10} =$	$\frac{1}{3} =$

Mad Dash Week 30

Subtract.	$\begin{array}{r} 10 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -8 \\ \hline \end{array}$
Add.	$\begin{array}{r} 6 \\ +4 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ +2 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ +9 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ +7 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ +6 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ +4 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ +8 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ +9 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ +12 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ +3 \\ \hline \end{array}$
Multiply.	$\begin{array}{r} 6 \\ \times 8 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ \times 11 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ \times 7 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ \times 4 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ \times 1 \\ \hline \end{array}$	$\begin{array}{r} 0 \\ \times 9 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ \times 5 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ \times 4 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ \times 0 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ \times 6 \\ \hline \end{array}$
Divide.	$7 \overline{)7}$	$3 \overline{)27}$	$6 \overline{)36}$	$5 \overline{)40}$	$12 \overline{)12}$	$6 \overline{)48}$	$12 \overline{)84}$	$2 \overline{)18}$	$4 \overline{)44}$	$9 \overline{)81}$
Simplify the Fraction.	$\frac{2}{4} = \underline{\quad}$	$\frac{3}{12} = \underline{\quad}$	$\frac{8}{10} = \underline{\quad}$	$\frac{4}{20} = \underline{\quad}$	$\frac{2}{6} = \underline{\quad}$	$\frac{4}{8} = \underline{\quad}$	$\frac{6}{10} = \underline{\quad}$	$\frac{3}{15} = \underline{\quad}$	$\frac{8}{12} = \underline{\quad}$	$\frac{6}{8} = \underline{\quad}$

Mad Dash Week 36

Subtract.	$\begin{array}{r} 12 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 19 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -3 \\ \hline \end{array}$
Add.	$\begin{array}{r} 3 \\ +8 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ +12 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ +1 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ +7 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ +6 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ +5 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ +8 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ +9 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ +3 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ +4 \\ \hline \end{array}$
Multiply.	$\begin{array}{r} 8 \\ \times 4 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ \times 7 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ \times 3 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ \times 12 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ \times 8 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ \times 5 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ \times 7 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ \times 10 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ \times 2 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ \times 0 \\ \hline \end{array}$
Divide.	$6 \overline{)42}$	$3 \overline{)18}$	$8 \overline{)24}$	$4 \overline{)28}$	$9 \overline{)18}$	$6 \overline{)0}$	$3 \overline{)24}$	$2 \overline{)18}$	$5 \overline{)60}$	$8 \overline{)32}$
Fraction to decimal.	$\frac{4}{4} =$	$\frac{2}{5} =$	$\frac{1}{4} =$	$\frac{1}{2} =$	$\frac{1}{3} =$	$\frac{4}{5} =$	$\frac{3}{4} =$	$\frac{1}{8} =$	$\frac{4}{10} =$	$\frac{1}{4} =$