

# Summer Math Packet for Rising 4th Grade

**The summer math practice is due on the first day of school.** Please answer all the questions neatly in the workspace provided. Rising 4th graders should be proficient in all of the skills covered in this packet.

Continuous basic addition, subtraction, and multiplication fact practice is necessary throughout the summer and school year. The best way to insure success in 4th grade math is to have **instant recall of basic facts**. They will be used all year and for the rest of your academic career.

Please note that math computer games are well intended but are mostly visual stimulation and do not produce the desired outcome of fact memorization. Typically, children memorize easily when gross motor movement is involved. Play games outside with math facts, practice in the grocery store, or make up hand motions for numbers and operations. Any physical activity stimulates brain function and helps lock facts into long term memory.

**4th Grade Math Summer Packet**

**Session 1**

**Write the value of the underlined digit.**

1. 125 \_\_\_\_\_

2. 658 \_\_\_\_\_

3. 416 \_\_\_\_\_

4. 209 \_\_\_\_\_

**Write each number.**

5.  $60,000 + 4,000 + 500 + 90 + 4$  \_\_\_\_\_

6.  $40,000 + 8,000 + 400 + 70 + 5$  \_\_\_\_\_

7.  $50,000 + 9,000 + 20 + 4$  \_\_\_\_\_

8. twenty-two thousand, five hundred forty-three  
\_\_\_\_\_

9. ninety thousand, forty  
\_\_\_\_\_

10. eleven thousand, six hundred one  
\_\_\_\_\_

## Session 2

Write the numbers from least to greatest.

1. 65, 89, 64

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2. 450, 458, 397

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3. 263, 223, 323

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Use the table at right for 4-6.

Choose the letter of the correct answer.

CANDIDATE	NUMBER OF VOTES
Burns	3,445
McCarty	3,742
Watters	4,656
Volante	4,389

4. How many votes did McCarty get, rounded to the nearest hundred?

A. 3,000   B. 3,500   C. 3,700   D. 3,800

5. Which two candidates received over 4,000 votes?

A. Watters, Burns   B. Burns, Volant   C. Watters, Volante

6. Which number can be rounded to 7,000?

A. 6,455   B. 7,034   C. 7,597   D. 7,612

### Session 3

Estimate the sum using rounding.

1. Estimate: \_\_\_\_\_

3,758 → \_\_\_\_\_

+2,169 → + \_\_\_\_\_

2. Estimate: \_\_\_\_\_

4,738 → \_\_\_\_\_

+5,167 → + \_\_\_\_\_

3. Estimate: \_\_\_\_\_

1,426 → \_\_\_\_\_

+5,939 → + \_\_\_\_\_

4. Estimate: \_\_\_\_\_

8,119 → \_\_\_\_\_

+1,586 → + \_\_\_\_\_

Estimate the difference using rounding.

1. 836 → \_\_\_\_\_  
-328 → - \_\_\_\_\_

2. 59 → \_\_\_\_\_  
-19 → - \_\_\_\_\_

3. \$7.63 → \_\_\_\_\_  
-\$1.88 → - \_\_\_\_\_

4. 8,909 → \_\_\_\_\_  
-2,408 → - \_\_\_\_\_

5. 6,851 → \_\_\_\_\_  
-2,055 → - \_\_\_\_\_

6. 566 → \_\_\_\_\_  
-377 → - \_\_\_\_\_

## Session 4

Find the sum.

$$\begin{array}{r} 1. \quad 2,341 \\ +6,237 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 1,861 \\ +6,733 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 7,849 \\ +3,259 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 1,776 \\ +1,954 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 1,952 \\ +1,980 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 1,988 \\ +1,982 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 1,113 \\ +5,988 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 7,182 \\ +1,939 \\ \hline \end{array}$$

Find the difference.

$$\begin{array}{r} 1. \quad 1,500 \\ -1,132 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 1,406 \\ -1,258 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 1,600 \\ -1,198 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 2,902 \\ -2,435 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 2,700 \\ -1,137 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 3,408 \\ -2,135 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 4,800 \\ -1,654 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 3,306 \\ -3,108 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 6,300 \\ -2,229 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 8,200 \\ -5,777 \\ \hline \end{array}$$

## Session 5

Find the sum or difference.

$$\begin{array}{r} 1. \ \$2.34 \\ + \ \$1.49 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \ \$5.83 \\ + \ \$3.49 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \ \$9.62 \\ - \ \$2.17 \\ \hline \end{array}$$

Find the elapsed time.

$$\begin{array}{l} 1. \text{ start: } 4:15 \text{ P.M.} \\ \text{end: } 4:30 \text{ P.M.} \\ \hline \end{array}$$

$$\begin{array}{l} 2. \text{ start: } 5:30 \text{ P.M.} \\ \text{end: } 5:45 \text{ P.M.} \\ \hline \end{array}$$

$$\begin{array}{l} 3. \text{ start: } 3:30 \text{ A.M.} \\ \text{end: } 4:15 \text{ A.M.} \\ \hline \end{array}$$

Find each product.

$$1. \ 5 \times 4 = \underline{\quad}$$

$$2. \ 6 \times 6 = \underline{\quad}$$

$$3. \ 8 \times 6 = \underline{\quad}$$

$$4. \ 7 \times 7 = \underline{\quad}$$

$$5. \ 3 \times 5 = \underline{\quad}$$

$$6. \ 6 \times 9 = \underline{\quad}$$

Find the missing factor.

$$1. \ 5 \times \underline{\quad} = 45$$

$$2. \ 9 \times \underline{\quad} = 63$$

$$3. \ \underline{\quad} \times 4 = 28$$

## Session 6

Find the product.

1. 
$$\begin{array}{r} 54 \\ \times 3 \\ \hline \end{array}$$

2. 
$$\begin{array}{r} 75 \\ \times 5 \\ \hline \end{array}$$

3. 
$$\begin{array}{r} 37 \\ \times 7 \\ \hline \end{array}$$

4. 
$$\begin{array}{r} 82 \\ \times 3 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 65 \\ \times 5 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 182 \\ \times 4 \\ \hline \end{array}$$

7. 
$$\begin{array}{r} 334 \\ \times 8 \\ \hline \end{array}$$

8. 
$$\begin{array}{r} 196 \\ \times 2 \\ \hline \end{array}$$

9. 
$$\begin{array}{r} 456 \\ \times 2 \\ \hline \end{array}$$

10. 
$$\begin{array}{r} 734 \\ \times 4 \\ \hline \end{array}$$

Find the quotient.

1.  $5 \overline{)810}$

2.  $3 \overline{)963}$

3.  $6 \overline{)948}$

4.  $7 \overline{)952}$