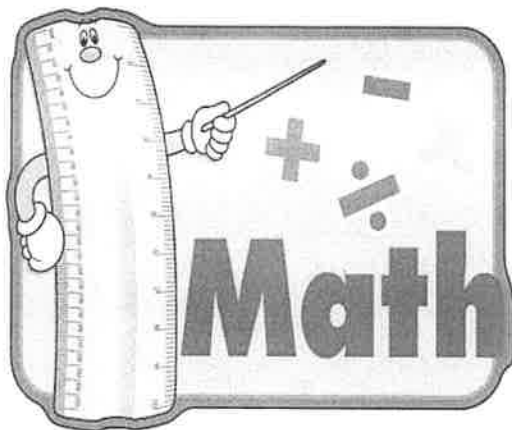


Rising 4th Grade Summer Math Packet

This packet is due the first day of school.



Take some time this summer to review the math skills you learned in 3rd grade. This will prepare you for an easy transition into 4th grade math.

You must master multiplication facts 0-12 before entering 4th grade. We cannot stress this enough.

Here are some websites that you can visit for additional math practice:

www.funbrain.com

www.aaamath.com

www.aplusmath.com

www.mobymax.com

www.mathisfun.com

www.coolmath4kids.com

www.ixl.com

We look forward to the new school year and our “new” fourth graders!

Have a wonderful summer.

Rising 4th Graders Summer Math Packet

Name _____

Compare Whole Numbers

Use the $<$, $>$, or $=$ signs to compare the following pairs of numbers.

1. 231 _____ 312

2. 501 _____ 501

3. 1,624 _____ 1,466

4. 9,081 _____ 9,800

Addition and Subtraction Facts

Add or Subtract. Be sure to watch the signs.

5.
$$\begin{array}{r} 37 \\ + 8 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 140 \\ - 9 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 211 \\ - 23 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 94 \\ + 98 \\ \hline \end{array}$$

9. $19 - 9 =$ _____

10. $15 + 7 =$ _____

Division

Write the quotient.

11. $30 \div 3 =$ _____

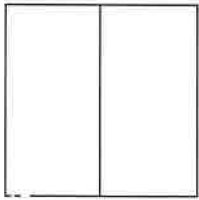
12. $28 \div 7 =$ _____

13. $54 \div 9 =$ _____

Identifying Fractions

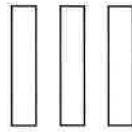
Shade-in the fraction part of each shape.

14.



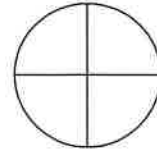
$\frac{1}{2}$

15.



$\frac{2}{3}$

16.



$\frac{1}{4}$

Draw a picture to represent each fraction.

17. $\frac{3}{5}$

18. $\frac{5}{8}$

Use a ruler to measure each line to the nearest $\frac{1}{2}$ inch.

19. 

answer: _____

20. 

answer: _____

$$\begin{array}{r} 8 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ \times 11 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 11 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 10 \\ \hline \end{array}$$

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

$$\begin{array}{r} 6 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 11 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 0 \\ \hline \end{array}$$

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

$$\begin{array}{r} 12 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 9 \\ \hline \end{array}$$

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

$$\begin{array}{r} 10 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 11 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 11 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 11 \\ \hline \end{array}$$

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

$$\begin{array}{r} 8 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 9 \\ \hline \end{array}$$

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

$$\begin{array}{r} 5 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 9 \\ \hline \end{array}$$

Comparing numbers up to 1 million

Grade 4 Place Value Worksheet

Example: $4,836 > 2,835$

Compare the numbers. Add: $>$ or $<$ or $=$

1. $415,978$ ___ $144,173$

2. $923,476$ ___ $22,786$

3. $123,921$ ___ $514,714$

4. $708,395$ ___ $12,814$

5. $743,677$ ___ $932,721$

6. $55,666$ ___ $675,365$

7. $868,527$ ___ $236,029$

8. $529,133$ ___ $778,352$

9. $381,484$ ___ $485,227$

10. $159,435$ ___ $992,949$

11. $340,844$ ___ $947,317$

12. $77,924$ ___ $476,104$

13. $582,500$ ___ $168,439$

14. $700,179$ ___ $839,243$

15. $962,665$ ___ $251,458$

16. $280,053$ ___ $738,889$

17. $842,782$ ___ $220,852$

18. $886,579$ ___ $13,034$

Expanded form (numbers to 100,000)

Grade 4 Place Value Worksheet

Write the numbers in expanded form.

Example: $23,493 = 20,000 + 3,000 + 400 + 90 + 3$

1) 88,005 _____

2) 3,594 _____

3) 372 _____

4) 473 _____

5) 49,379 _____

6) 3,700 _____

7) 3,432 _____

8) 98,100 _____

9) 890 _____

10) 225 _____

11) 5,975 _____

12) 19,181 _____

Build a 4-digit number from the parts

Grade 4 Place Value Worksheet

Example: $1,836 = 1,000 + 800 + 30 + 6$

Write the 4-digit numbers

1. _____ $5,000 + 100 + 30 + 4$

2. _____ $8,000 + 900 + 5$

3. _____ $9,000 + 300 + 80 + 2$

4. _____ $2,000 + 600 + 6$

5. _____ $4,000 + 600 + 50 + 8$

6. _____ $6,000 + 100 + 40$

7. _____ $3,000 + 700 + 30 + 3$

8. _____ $4,000 + 100 + 2$

9. _____ $1,000 + 700 + 30 + 5$

10. _____ $2,000 + 80$

11. _____ $9,000 + 400 + 6$

12. _____ $2,000 + 300 + 40 + 2$

13. _____ $5,000 + 20 + 6$

14. _____ $1,000 + 500 + 50 + 6$

15. _____ $7,000 + 50 + 4$

16. _____ $5,000 + 800 + 40$

17. _____ $8,000 + 100 + 10 + 2$

18. _____ $5,000 + 30 + 4$

Mental math: adding two 2-digit numbers

Grade 4 Addition Worksheet

Find the sum.

1. $90 + 60 =$ _____

2. $39 + 46 =$ _____

3. $73 + 65 =$ _____

4. $52 + 43 =$ _____

5. $32 + 63 =$ _____

6. $3 + 9 =$ _____

7. $5 + 98 =$ _____

8. $83 + 73 =$ _____

9. $87 + 67 =$ _____

10. $45 + 71 =$ _____

11. $3 + 21 =$ _____

12. $15 + 6 =$ _____

13. $37 + 54 =$ _____

14. $22 + 39 =$ _____

15. $9 + 61 =$ _____

16. $46 + 88 =$ _____

17. $68 + 69 =$ _____

18. $88 + 8 =$ _____

19. $82 + 75 =$ _____

20. $74 + 95 =$ _____

Mental math: subtracting 2-digit numbers

Grade 4 Subtraction Worksheet

Find the difference.

1. $40 - 39 =$ _____

2. $48 - 48 =$ _____

3. $69 - 29 =$ _____

4. $61 - 34 =$ _____

5. $68 - 62 =$ _____

6. $33 - 25 =$ _____

7. $81 - 19 =$ _____

8. $32 - 15 =$ _____

9. $32 - 26 =$ _____

10. $37 - 2 =$ _____

11. $25 - 5 =$ _____

12. $56 - 14 =$ _____

13. $70 - 70 =$ _____

14. $63 - 26 =$ _____

15. $31 - 28 =$ _____

16. $44 - 40 =$ _____

17. $91 - 79 =$ _____

18. $13 - 7 =$ _____

19. $48 - 32 =$ _____

20. $97 - 77 =$ _____

Thousands, hundreds, tens & ones

Grade 3 Place Value Worksheet

Example: $\underline{5}3 = \underline{\quad} 5 \text{ tens}$

Determine the value of the underlined digit.

1. $7,8\underline{3}8 = \underline{\hspace{2cm}}$ 2. $3\underline{8} = \underline{\hspace{2cm}}$

3. $2,\underline{9}58 = \underline{\hspace{2cm}}$ 4. $8\underline{0}1 = \underline{\hspace{2cm}}$

5. $8,16\underline{6} = \underline{\hspace{2cm}}$ 6. $59\underline{1} = \underline{\hspace{2cm}}$

7. $5,30\underline{9} = \underline{\hspace{2cm}}$ 8. $5,84\underline{0} = \underline{\hspace{2cm}}$

9. $3\underline{1}6 = \underline{\hspace{2cm}}$ 10. $50\underline{7} = \underline{\hspace{2cm}}$

11. $38\underline{3} = \underline{\hspace{2cm}}$ 12. $\underline{9}7 = \underline{\hspace{2cm}}$

13. $6,35\underline{2} = \underline{\hspace{2cm}}$ 14. $7,3\underline{6}6 = \underline{\hspace{2cm}}$

15. $3,11\underline{6} = \underline{\hspace{2cm}}$ 16. $57\underline{8} = \underline{\hspace{2cm}}$



Multiply in columns - 1 digit by 2 digit

Grade 4 Multiplication Worksheet

Find the product.

$$\begin{array}{r} 1. \quad 44 \\ \times 4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 35 \\ \times 8 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 91 \\ \times 2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 19 \\ \times 8 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 77 \\ \times 2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 33 \\ \times 4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 34 \\ \times 4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 98 \\ \times 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 50 \\ \times 7 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 17 \\ \times 7 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 52 \\ \times 1 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 63 \\ \times 8 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad 18 \\ \times 6 \\ \hline \\ \hline \end{array}$$

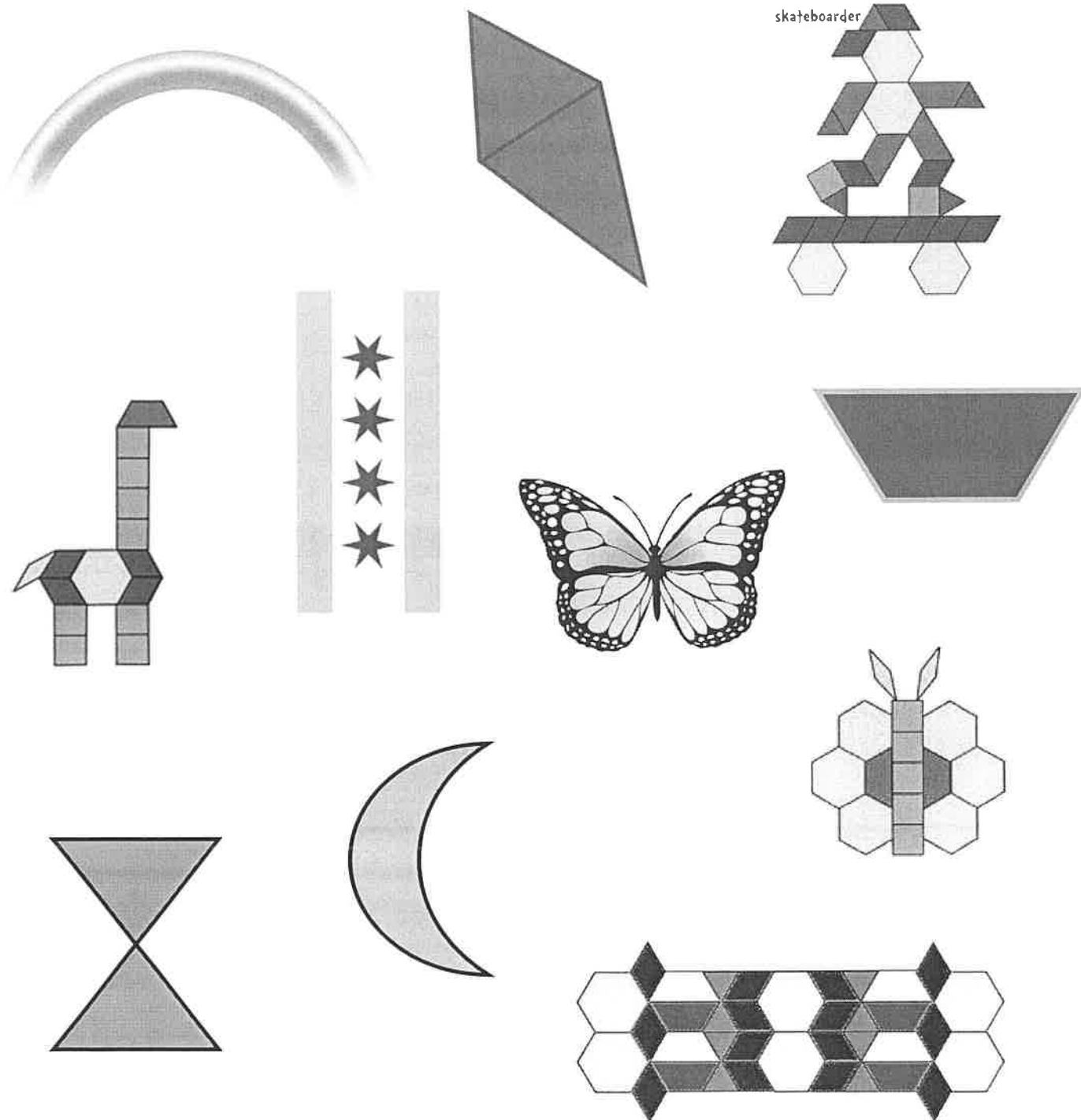
$$\begin{array}{r} 14. \quad 28 \\ \times 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 15. \quad 51 \\ \times 3 \\ \hline \\ \hline \end{array}$$

Lines of symmetry

Grade 3 Geometry Worksheet

Draw the line(s) of symmetry on each shape. If a shape has no lines of symmetry, draw an X through it.



Equivalent fractions

Grade 3 Fractions Worksheet

Color in the equivalent fractions as shown.

