

Name _____

Going into 4th Grade Summer Packet

You worked so hard all year, especially learning reading, writing, and math skills. Complete this packet over the summer to keep your skills fresh and prepare you for 4th grade! Your 4th grade teacher will collect it the first week of school for a completion grade.

Here is what you need to accomplish:

1. Practice Addition, Subtraction, Multiplication & Division fact fluency (at least 10 minutes per week)
2. Complete math skills sheets (in this packet)
3. Reading Calendar (15 minutes per day, 5 days a week)
4. Complete 3 writing assignments (in this packet)

Please continue reading to find your instructions and assignments attached. This review will be most effective if you work towards completion a little bit *each* day, rather than all at once!

Hope you have a great summer!

Sincerely,

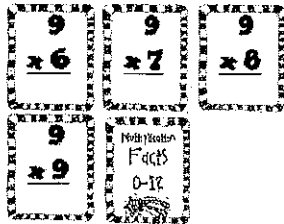
Mrs. Weaver

Ways to Practice Math Facts at Home

Traditional Flashcards

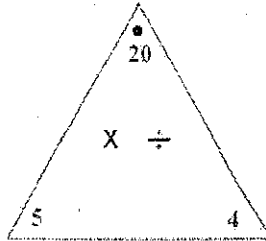
You can make your own, buy them, or download online....

http://www.mathaids.com/Flash_Cards/

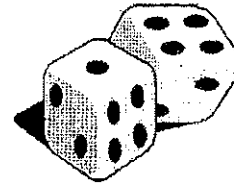


Fact Family Triangles

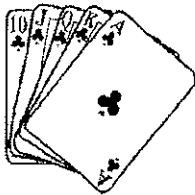
For all operations



Dice games



Math War



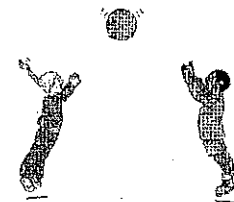
Flip cards. The player with the greater number says the equation. If the player is correct, they keep the cards. If they are incorrect, the opponent takes them. You can make K, J, A, Q any numbers. Works best with addition or multiplication.

Dominos



Fact Ball Pass/Fact Hoops

Pass a ball while shouting out fact tables. Or shoot hoops while practicing facts. Make practicing more "active" and fun!



Online Fact Drill Practice

- [Math Magician](#)
- [Xtra math](#)
- [Sumdog](#)

***Codes will be provided to students.*

Facts Quizzes Online to Print

www.themathworksheet.com
www.math-drills.com
www.mathfactcafe.com
www.mathworksheet4kids.com

Create or play your own Fact Fluency game.

Other Math Websites you Can Visit.....

www.fun4thebrain.com
www.factmonster.com
www.softschools.com

www.abcya.com
www.funbrain.com
www.aplusmath.com
www.splashmath.com

Weekly Math Fact Homework Practice Log

Name: _____

Dates: _____

Practice your math facts for at least **10 minutes**. After you practice, complete the log and have a parent initial it. Use the chart on the back for ideas on how to practice.

Facts I am practicing: _____

Date	How I practiced	Parent Initials

Addition

Estimate. Then find each sum.

$$\begin{array}{r} 1. \quad 73 \\ + 19 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 16 \\ + 48 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 52 \\ + 79 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 28 \\ + 25 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 47 \\ + 34 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 53 \\ + 45 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 37 \\ + 21 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 63 \\ + 24 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 59 \\ + 76 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 29 \\ + 44 \\ \hline \end{array}$$

$$11. \quad 58 + 28$$

$$12. \quad 53 + 72$$

$$13. \quad 66 + 23$$

$$14. \quad 42 + 31$$

$$15. \quad 36 + 52$$

Find each sum.

$$\begin{array}{r} 32 \\ 64 \\ + 71 \\ \hline \end{array}$$

$$\begin{array}{r} 127 \\ 39 \\ + 87 \\ \hline \end{array}$$

$$\begin{array}{r} 293 \\ 312 \\ + 78 \\ \hline \end{array}$$

$$\begin{array}{r} 358 \\ 427 \\ + 127 \\ \hline \end{array}$$

Find each sum.

$$\begin{array}{r} 75 \\ 36 \\ + 58 \\ \hline \end{array}$$

$$\begin{array}{r} 142 \\ 297 \\ + 116 \\ \hline \end{array}$$

$$\begin{array}{r} 524 \\ 97 \\ + 176 \\ \hline \end{array}$$

$$\begin{array}{r} 273 \\ 187 \\ 64 \\ + 249 \\ \hline \end{array}$$

$$\begin{array}{r} 319 \\ 48 \\ 136 \\ + 347 \\ \hline \end{array}$$

$$237 + 75 + 49$$

$$49 + 7 + 63 + 8$$

$$143 + 47 + 219 + 136$$

Subtraction

Find $726 - 238$.

Estimate: $700 - 200 = 500$, so the answer should be about 500.

Step 1

First subtract the ones.
Regroup 1 ten into 10 ones.

$$\begin{array}{r} 116 \\ 72\cancel{6} \\ -238 \\ \hline 8 \end{array}$$

Step 2

Subtract the tens.
Regroup 1 hundred into 10 tens.

$$\begin{array}{r} 11 \\ 6\cancel{1}16 \\ 72\cancel{6} \\ -238 \\ \hline 88 \end{array}$$

Step 3

Subtract the hundreds.

$$\begin{array}{r} 11 \\ 6\cancel{1}16 \\ 72\cancel{6} \\ -238 \\ \hline 488 \end{array}$$

Is your answer correct?
Check by adding:
 $488 + 238 = 726$.
It checks.

Find each difference. Estimate and check answers for reasonableness.

1.
$$\begin{array}{r} 318 \\ -123 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 441 \\ -187 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 334 \\ -275 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 512 \\ -299 \\ \hline \end{array}$$

$$\begin{array}{r} 31 \\ -12 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ -39 \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ -42 \\ \hline \end{array}$$

$$\begin{array}{r} 37 \\ -19 \\ \hline \end{array}$$

$$\begin{array}{r} 60 \\ -32 \\ \hline \end{array}$$

$$\begin{array}{r} 44 \\ -35 \\ \hline \end{array}$$

$$\begin{array}{r} 73 \\ -47 \\ \hline \end{array}$$

$$\begin{array}{r} 55 \\ -27 \\ \hline \end{array}$$

$$\begin{array}{r} 58 \\ -23 \\ \hline \end{array}$$

$$\begin{array}{r} 61 \\ -14 \\ \hline \end{array}$$

$$\begin{array}{r} 34 \\ -16 \\ \hline \end{array}$$

$$\begin{array}{r} 43 \\ -27 \\ \hline \end{array}$$

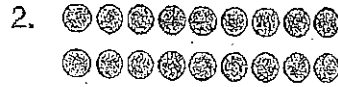
$$\begin{array}{r} 76 \\ -28 \\ \hline \end{array}$$

$$\begin{array}{r} 65 \\ -38 \\ \hline \end{array}$$

$$\begin{array}{r} 82 \\ -47 \\ \hline \end{array}$$

Multiplication

Write a multiplication sentence for each array.



Draw an array to find each multiplication fact. Write the product.

4. $3 \times 6 =$ _____

5. $4 \times 7 =$ _____

For each problem below, multiply and regroup if necessary. Be sure to show all of your work.

1) $\begin{array}{r} 63 \\ \times 2 \\ \hline \end{array}$

5) $\begin{array}{r} 18 \\ \times 4 \\ \hline \end{array}$

9) $\begin{array}{r} 11 \\ \times 7 \\ \hline \end{array}$

13) $\begin{array}{r} 12 \\ \times 1 \\ \hline \end{array}$

17) $\begin{array}{r} 13 \\ \times 3 \\ \hline \end{array}$

2) $\begin{array}{r} 14 \\ \times 5 \\ \hline \end{array}$

6) $\begin{array}{r} 10 \\ \times 6 \\ \hline \end{array}$

10) $\begin{array}{r} 15 \\ \times 4 \\ \hline \end{array}$

14) $\begin{array}{r} 47 \\ \times 3 \\ \hline \end{array}$

18) $\begin{array}{r} 23 \\ \times 4 \\ \hline \end{array}$

3) $\begin{array}{r} 24 \\ \times 3 \\ \hline \end{array}$

7) $\begin{array}{r} 30 \\ \times 2 \\ \hline \end{array}$

11) $\begin{array}{r} 60 \\ \times 8 \\ \hline \end{array}$

15) $\begin{array}{r} 77 \\ \times 3 \\ \hline \end{array}$

19) $\begin{array}{r} 42 \\ \times 5 \\ \hline \end{array}$

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

8) $\begin{array}{r} 17 \\ \times 4 \\ \hline \end{array}$

12) $\begin{array}{r} 86 \\ \times 2 \\ \hline \end{array}$

16) $\begin{array}{r} 29 \\ \times 8 \\ \hline \end{array}$

20) $\begin{array}{r} 34 \\ \times 3 \\ \hline \end{array}$

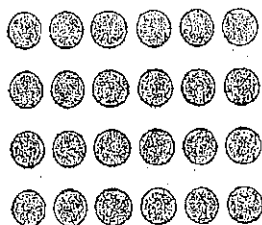
Division

You can use multiplication facts to help you find division facts.

Darren and Molly have 16 sheets of paper. Each will get the same number of sheets of paper. How many will each get?



Peter has 24 pennies. He puts the pennies into 4 equal piles. How many pennies are in each pile?



What You Think	What You Write	What You Think	What You Write
2 times what number equals 16? $2 \times 8 = 16$	$16 \div 2 = 8$ Darren and Molly will each get 8 sheets of paper.	4 times what number equals 24? $4 \times 6 = 24$	$24 \div 4 = 6$ Peter has 6 pennies in each pile.

Find each quotient.

1. $14 \div 2$

2. $35 \div 5$

3. $15 \div 3$

4. $32 \div 4$

5. $24 \div 3$

6. $2 \overline{)12}$

7. $3 \overline{)27}$

8. $5 \overline{)25}$

9. $4 \overline{)20}$

10. $4 \overline{)40}$

Algebra Find each missing number.

$45 \div \square = 5$

$30 \div 3 = \square$

$\square \div 2 = 7$

Number Sense Write $<$ or $>$ to compare.

5×2 ○ $8 \div 2$

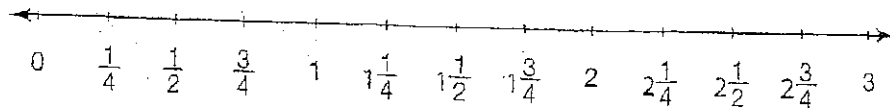
3×6 ○ $6 \div 3$

$4 + 8$ ○ 4×8

Fractions

A number line can be used to represent fractions and mixed numbers. Mixed numbers are numbers that have a whole number part and a fraction part.

To read a number line, find what each mark represents. The number line will follow a pattern. In the number line below, each mark represents $\frac{1}{4}$.



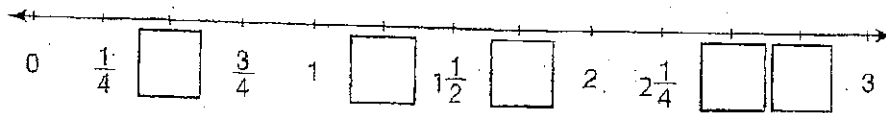
You can use a number line to compare fractions and mixed numbers. The number that is farther to the right is the greater number.

$$1\frac{1}{2} \bigcirc 1\frac{3}{4}$$

Since $1\frac{3}{4}$ is to the right of $1\frac{1}{2}$,

$$1\frac{1}{2} < 1\frac{3}{4}$$

1. Write the missing fractions or mixed numbers on the number line.



2. Write the missing numbers in order from greatest to least.

Compare. Write $<$, $>$, or $=$. Use the number line above to help.

3. $\frac{1}{2} \bigcirc \frac{3}{4}$

4. $1 \bigcirc 1\frac{1}{2}$

5. $2\frac{1}{4} \bigcirc 1\frac{3}{4}$

0.31 \bigcirc 0.41

1.9 \bigcirc 0.95

0.09 \bigcirc 0.1

2.70 \bigcirc 2.7

0.81 \bigcirc 0.79

2.12 \bigcirc 2.21

Book Reading Responses

Choose three questions from the Writing Menu. Use the RACE Anchor Chart to write these reading responses on the paper provided, in paragraph form. Use the CUPS Anchor Chart to check your writing before you turn it in.

R	estate Restate the question by turning it into a statement.
A	nswer Answer all parts of the question.
C	ite Give examples and evidence from the text. <i>"the text states..." "in paragraph 4..."</i>
E	xplain Explain how your evidence supports your answer. <i>"this shows that..." "this means..."</i>

<p>1. Why did you choose this book and why do you think the author wrote this book?</p>	<p>4. What is the most interesting thing you read about or learned reading this book? Explain.</p>
<p>2. What else would you like to learn about the topic, person, or events you read about in this book? Where could you go to find out more information about this topic?</p>	<p>5. What text-to-text, text-to-self, or text-to-world connections can you make to this book?</p>
<p>3. How will you use the information you learned throughout your life?</p>	<p>6. What are three interesting words that you learned in this book and what do they mean?</p>

