

Name _____

Going into 5th 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 5th grade! Your teacher will collect it the first week of school.

Here is what you need to accomplish:

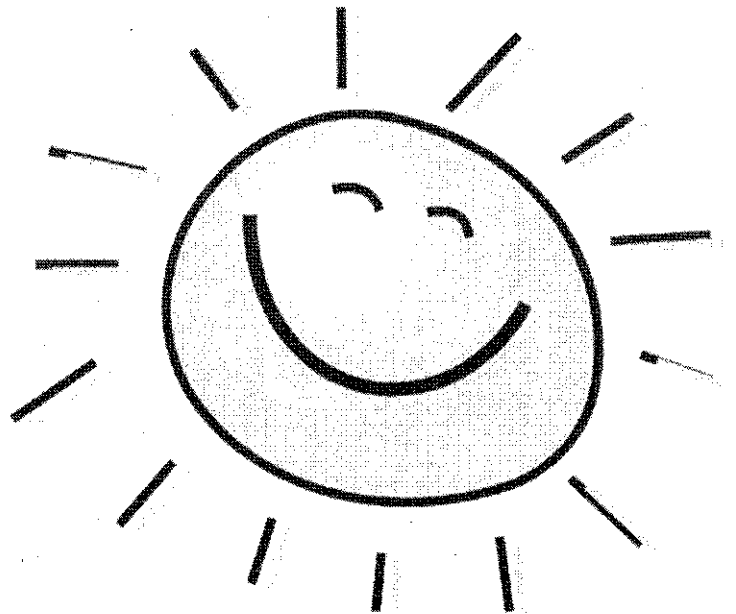
1. Practice Addition, Subtraction, Multiplication and Division fact Fluency (at least 10 minutes per week)
2. Complete math skills sheets (in this packet)
3. Reading Calendar from Mr. Shirvinski (15 minutes per day, 5 days a week)
4. Write 3 journal entries (in this packet)

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,

Miss Keener

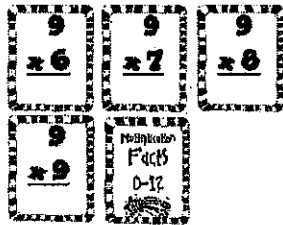


Ways to Practice Math Facts at Home

Traditional Flashcards

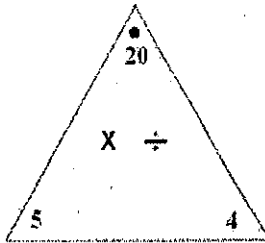
You can make your own, buy them, or download online....

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

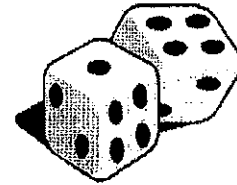


Fact Family Triangles

For all operations



Dice games



Math War



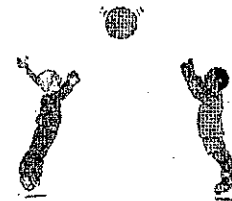
Flip cards. The player with the greater number says the equation. If the player is correct, they keep the cards. If they are incorrect, the opponent takes them. You can make *K, J, A, Q* any numbers. Works best with addition or multiplication.

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

Name _____

Model Place Value Relationships

A hundred grid can help you understand place-value relationships.

- One small square has been shaded to represent 1.
- Shade the rest of the first column. Count the number of small squares. There are 10 small squares. The model for 10 has 10 times as many squares as the model for 1.
- Shade the remaining 9 columns. Count the number of small squares. There are 100 small squares. The model for 100 has 10 times as many squares as the model for 10.
- If you shade ten hundred grids, you will have shaded 1,000 squares. So, the model for 1,000 has 10 times as many squares as the model for 100.



A place-value chart helps you find the value of each digit in a number.

| THOUSANDS | | | ONES | | |
|-----------|------|------|----------|------|------|
| Hundreds | Tens | Ones | Hundreds | Tens | Ones |
| | | 8 | 5 | 1 | 6 |

In the number 8,516:

The value of the digit 8 is 8 thousands, or 8,000.

The value of the digit 5 is 5 hundreds, or 500.

The value of the digit 1 is 1 ten, or 10.

The value of the digit 6 is 6 ones, or 6.

Find the value of the underlined digit.

1. 756

2. 1,025

3. 4,279

4. 35,703

Compare the values of the underlined digits.

5. 700 and 70

The value of 7 in _____ is _____
times the value of 7 in _____.

6. 5,000 and 500

The value of 5 in _____ is _____
times the value of 5 in _____.



Multiply in columns - 2 digit by 3 digit

Grade 4 Multiplication Worksheet

Find the product.

$$\begin{array}{r} 1. \quad 450 \\ \times 61 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 698 \\ \times 25 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 397 \\ \times 17 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 635 \\ \times 38 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 682 \\ \times 11 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 424 \\ \times 85 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 691 \\ \times 56 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 308 \\ \times 22 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 769 \\ \times 50 \\ \hline \\ \hline \end{array}$$



Long Division with remainders within 1-1,000

Grade 4 Division Worksheet

Find the quotient with remainder.

1. $4 \overline{)928}$

2. $8 \overline{)257}$

3. $2 \overline{)187}$

4. $4 \overline{)312}$

5. $4 \overline{)287}$

6. $4 \overline{)123}$

7. $3 \overline{)557}$

8. $4 \overline{)903}$

9. $3 \overline{)109}$

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Compare and Order Fractions

Write the fractions in order from least to greatest.

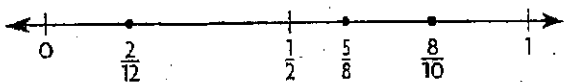
1. $\frac{5}{8}, \frac{2}{12}, \frac{8}{10}$

2. $\frac{1}{5}, \frac{2}{3}, \frac{5}{8}$

Use benchmarks and a number line.

Think: $\frac{5}{8}$ is close to $\frac{1}{2}$. $\frac{2}{12}$ is close to 0.

$\frac{8}{10}$ is close to 1.



$$\frac{2}{12} < \frac{5}{8} < \frac{8}{10}$$

3. $\frac{1}{2}, \frac{2}{5}, \frac{6}{10}$

4. $\frac{4}{6}, \frac{7}{12}, \frac{5}{10}$

5. $\frac{1}{4}, \frac{3}{6}, \frac{1}{8}$

6. $\frac{1}{8}, \frac{3}{6}, \frac{7}{12}$

7. $\frac{8}{100}, \frac{3}{5}, \frac{7}{10}$

8. $\frac{3}{4}, \frac{7}{8}, \frac{1}{5}$

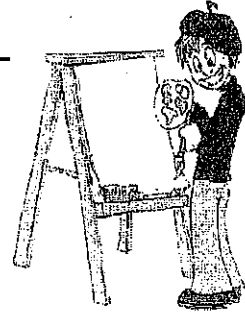
Problem Solving **REAL WORLD**

9. Amy's math notebook weighs $\frac{1}{2}$ pound, her science notebook weighs $\frac{7}{8}$ pound, and her history notebook weighs $\frac{3}{4}$ pound. What are the weights in order from lightest to heaviest?

10. Carl has three picture frames. The thicknesses of the frames are $\frac{4}{5}$ inch, $\frac{3}{12}$ inch, and $\frac{5}{6}$ inch. What are the thicknesses in order from least to greatest?

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Multiple-Step Problems



- a. Calvin paints pictures and sells them at art shows. He charges \$56.25 for a large painting. He charges \$25.80 for a small painting. Last month he sold six large paintings and three small paintings. How much did he make in all?

Show your work and label your answer.

answer: _____

- b. Jennie makes quilts. She can make 7 quilts with 21 yards of material. How many yards of material would be required to make 12 quilts?

Show your work and label your answer.

answer: _____

- c. Brayden and Gavin were playing touch football against Cole and Freddy. Touchdowns were worth 7 points. Brayden and Gavin scored 7 touchdowns. Cole and Freddy's team scored 9 touchdowns. How many more points did Cole and Freddy have than Brayden and Gavin?

Show your work and label your answer.

answer: _____

- d. On Thursday the Meat King Market sold 210 pounds of ground beef. On Friday they sold twice that amount. On Saturday they only sold 130 pounds. How much more meat did they sell on Friday than Saturday?

Show your work and label your answer.

answer: _____

Journal Entry Directions

1. Complete **three** journal entries from the **Menu** below.
2. Use the RACE Anchor Chart to write these journal responses on the paper provided.

| | |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| R | RESTATE THE QUESTION Restate or reword the question and turn it into a statement. |
| A | ANSWER THE QUESTION What is being asked? Answer all parts of the question. |
| C | CITE THE SOURCE Tell where you found examples and details in the text. In paragraph 2... The text states... The author says... |
| E | EXPLAIN your response. Give evidence from the text to support your answer. Add your thoughts. For example... This shows... This means... I believe... |

| | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>1. Why did you choose this book and why do you think the author wrote this book?</p> | <p>4. What is the main type of conflict (Character vs. character, Character vs. society, Character vs. self, or Character vs. nature) in your story? Back this up with examples.</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. Did anything you read today make you wonder about something (Why did this happen? Could this happen in real life? I'd like to know more about...) Explain how you would find out the answer to your question.</p> |
| <p>3. How will you use the information you learned throughout your life?</p> | <p>6. If you have finished your book, what was the climax (high point) of your story and what was the solution? Did the ending surprise you or did you predict what would happen?</p> |

