

Dear Parents of 6th, 7th & 8th Graders,

Summer is a time to relax and have fun, but it is also an important time to review concepts your child struggles with. It's important to keep practicing skills so they don't regress in the fall. This is the summer packet for students to work on throughout the summer. I have created a BINGO board to help make it fun. If students complete the entire board AND turn it in to me at the start of the new school year, they will receive a reward. There are some worksheets attached that are part of the BINGO challenge. Please be sure to keep everything together.

If your child struggles with a specific concept, they need to put extra practice into those concepts (with your help). Mastering all their math facts is EXTREMELY important for middle school math.

It would be very beneficial for you to go over the following concepts with your child. These are concepts that they struggle with or are not covered due to time restraints.

6th Grade: Plane figure geometry, perimeter & area, volume, integers, statistics & probability,

7th Grade: Area & perimeter, geometry, probability, statistics, relations & functions

8th Grade: Relations & Functions, Systems of Linear Equations, Perimeter, Area & Volume, Statistics & Probability

I have also included a list of free websites you can use to enforce math concepts as well.

I have really enjoyed being a part of your child's life and learning this year! I am excited to be teaching some of them again next year. I hope everyone has a relaxing summer!!

Mrs. Jennifer Bull

6th, 7th & 8th grade Math

Websites for Math Practice:

<https://www.funbrain.com/>

<http://www.mathblaster.com/>

<https://www.multiplication.com/>

<http://www.hoodamath.com/>

<https://www.coolmathgames.com/>

<https://www.mathgametime.com/>

<https://www.mathplayground.com/>

<https://afterschoolhelp.com/>

<https://www.prodigygame.com/main-en/>

<https://www.crazygames.com/t/math>

<https://www.mangahigh.com/en-us/>

B	I	N	G	O
Find the PERIMETER of 2 rooms in your house	Play a MATH related game	Visit a Museum	Practice MATH on a given website	Follow a recipe to bake cookies: Use FRACTIONS to double the recipe
Conduct a survey (of family & friends) & GRAPH your results	Find the AREA of 2 rooms in your house	Complete 6A, 7A or 8A (according to grade level)	Write and solve 5 story problems using DECIMALS	Practice MENTAL MATH
Play a MATH related game	Practice MATH on a given website		Make a list of ways you use MATH in everyday tasks	MEASURE 10 household items
Complete 6B, 7B or 8B (according to grade level)	ESTIMATE how many steps it will take you to get to different places & then check!	Design a park using GEOMETRICAL SHAPES & MEASUREMENTS	Practice MATH on a given website	Complete 6C, 7C or 8C (according to grade level)
Make a list of all the GEOMETRICAL SHAPES you see in your house	Follow a recipe to bake a dessert: Use FRACTIONS to HALF the recipe	Take out 10 containers and calculate the VOLUME each holds	Play a MATH related game	Complete 6D, 7D or 8D (according to grade level)

Students must complete all squares (BLACKOUT) to receive PRIZE at beginning of new school year!



START

$$(7 \times 3) + 6 + 2 =$$

29

$$(8 - 9) + 9 \times 7 =$$

64

$$(6 + 5) + 5 - 6 =$$

6A

29

62

10

$$(3 - 2) - 1 + 3 =$$

4

$$(1 + 1) \times 4 \div 2 =$$

9

$$(8 \times 5 \times 8) =$$

3

8

4

8

$$(8 \times 6 - 6) =$$

10

$$(7 \times 5) \times 5 + 2 =$$

91

$$(9 + 1) \times (2 + 7) + 1 =$$

42

63

177

9

$$(7 \times 9 + 1) =$$

$$4 + (8 - 3 + 8 \times 1) =$$

17

$$1 + (8 + 6) - 8 =$$

17

7

YOU WIN

26

$$(8 \div 8) + (9 + 7 + 7) =$$

Directions: Solve each problem and then find the correct answer out of the choices given. It will lead you to the next problem you need to solve.



START
 $(5 + 5) \times 7 =$

70

$$(1 \times 3) + 4 =$$

22

$$(6 \times 3 + 6) =$$

8

3

7

24

$$(6 \div 2 + 5) =$$

6

$$(4 + 5 + 7 \times 6) =$$

31

$$7 - 4 + (1 \times 9 \div 9) =$$

8

3

51

9

$$(18 - 5 \times 3) + 3 =$$

0

$$2 + (6 + 9) - 7 =$$

10

$$6 - (2 \times 9 + 6) \times 2 =$$

6

9

23

42

$$(6 - 8) + 7 =$$

5

$$(8 - 6) \times 8 + 7 =$$

64

$$(8 \times 9) - 8 =$$

JAIL
 (you are trapped)

9

23

8

YOU WIN

2

$$1 - (3 + 8) + 12 =$$

Name: _____

Partner: _____

Date: _____ **6B**

SOLVING EQUATIONS PARTNER ACTIVITY

Decide who will be completing column A and who will be completing column B. Complete each question then compare answers. Even though the problems are different, you will get the same answer if you are correct!

COLUMN A	COLUMN B
Solve the equation: $3x = 9$	Solve the equation: $\frac{x}{3} = 1$
Solve the equation: $x + 16 = 22$	Solve the equation: $15x = 90$
Solve the equation: $x \div 23 = 12$	Solve the equation: $x \div 3 = 92$
Solve the equation: $x - 2.25 = 4.5$	Solve the equation: $5.5 + x = 12.25$

COLUMN A**COLUMN B**

Solve the equation:

$$\frac{1}{4}x = \frac{1}{10}$$

Solve the equation:

$$x + \frac{1}{3} = \frac{11}{15}$$

Solve the equation:

$$x - 3\frac{1}{2} = 1\frac{3}{4}$$

Solve the equation:

$$\frac{2}{5}x = 2\frac{1}{10}$$

Solve the equation:

$$1.25x = 11.5$$

Solve the equation:

$$5.6x = 51.52$$

Solve the equation:

$$3x + 2 = 20$$

Solve the equation:

$$5x + 5 = 35$$

Solve the equation:

$$\frac{x}{4} - 1 = 4$$

Solve the equation:

$$\frac{x}{5} + 2 = 6$$

Name: _____

Date: _____ 60

Fraction Operations Spinner Practice

Directions:

1. Use a paperclip and pencil to make a spinner.
2. Spin one number from Spinner A and one number from Spinner B.
3. Fill the numbers into the chart.
4. Evaluate the expression and simplify your answer.

SPINNER A



SPINNER B



Spinner A		Spinner B	=	Answer	Spinner A		Spinner B	=	Answer
_____	+	_____	=	_____	_____	+	_____	=	_____
_____	-	_____	=	_____	_____	-	_____	=	_____
_____	×	_____	=	_____	_____	×	_____	=	_____
_____	÷	_____	=	_____	_____	÷	_____	=	_____

Name _____

decimal division

6D

Who Am I?

I invented the ice cream cone! Find my name by solving the problems below.

1.
 $72 \div 0.9 =$
C

2.
 $0.64 \div 8.0 =$
O

3.
 $4.8 \div 6.0 =$
O

4.
 $.049 \div 0.7 =$
U

5.
 $0.63 \div .7 =$
R

6.
 $24.0 \div 0.03 =$
N

7.
 $.99 \div 1.1 =$
R

8.
 $7.5 \div 5.0 =$
L

9.
 $4.2 \div 0.06 =$
H

10.
 $3.8 \div 1.9 =$
D

11.
 $8.8 \div 8 =$
F

12.
 $1.5 \div .03 =$
N

12.
 $7.2 \div 9.0 =$
O

14.
 $5.6 \div 8.0 =$
A

15.
 $5.2 \div 0.13 =$
A

$\overline{0.7}$ $\overline{0.9}$ $\overline{50}$ $\overline{0.8}$ $\overline{1.5}$ $\overline{2}$

$\overline{1.1}$ $\overline{0.08}$ $\overline{0.9}$ $\overline{800}$ $\overline{40}$ $\overline{80}$ $\overline{70}$ $\overline{0.8}$ $\overline{0.07}$

