SUMMER PACKET ASSIGNMENT

GRADE 7 ILA

DUEDATE: 9/4/09

This summer 7th grade ILA students will write a script adaptation of a children's book from one of the following series: Amelia Bedelia, American Girl, Arthur, Berenstein Bears, Curious George, Dear America, Jigsaw Jones, Magic School Bus, Magic Tree House, Stink, Strega Nona, Winnie the Pooh. The script should include: Setting, Stage Directions[written within square brackets], Characterizations (minimum of 5 characters with speaking parts), Dialogue, and Plot. The script should be typed (11 –14 font), with a minimum of 5 typed pages. Use the following format:

Title

Author of Adaptation

List of characters (include a brief physical & personality description of each)

Time:

Place:

Speaker: [Stage direction] Dialogue

SUMMER PACKET MIDDLE SCHOOL MATH

7th Grade

For specific help with your summer packet, click on the following chapters and lessons in the **Holt Mathematics Course 1© 2007** textbook link. There are instructional videos you can watch to refresh your memory of the math concepts covered in the worksheets. Once you have chosen the text, click on Homework Help and then the chapter you want, then the lesson you want.

Example: L 3-2 means Chapter 3, Lesson 2

L 3-3 Adding and Subtracting Decimals
L 3-5 Multiplying Decimals
L 4-8 Adding and Subtracting Like Denominator Fractions
L 5-2 Adding and Subtracting with Unlike Denominators
L 5-3 Adding and Subtracting Mixed Numbers
L 5-4 Regrouping to Subtract Mixed Numbers
L 5-8 Multiplying Mixed Numbers
L 5-9 Dividing Fractions and Mixed Numbers
L 11-4 Adding Integers
L 11-5 Subtracting Integers
L 11-6 Multiplying Integers
L 11-7 Dividing Integers
L 1-4 Order of Operations

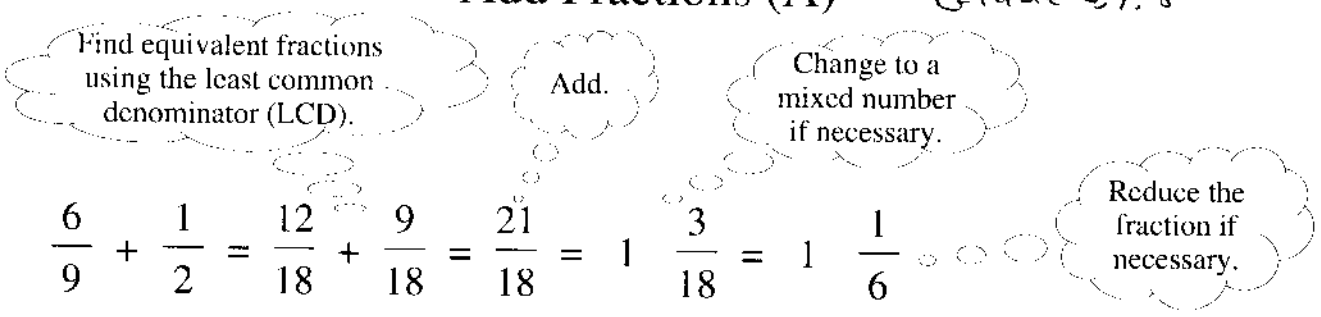
The following link will take you to the web page that supports the math textbook series we use in the middle school at Saint Joseph School.

http://go.hrw.com/gopages/ma.html

Once at the site, click on the Middle School link.
Then check out the Holt Mathematics Course 1© 2007 for 6th grade, Holt Mathematics Course 2 © 2007 for 7th grade and Holt Mathematics Course 3 © 2007 for 8th grade to see what concepts you will be covering next year.

Add Fractions (A)

Grade 6, 7, 8



$\frac{6}{9} + \frac{1}{2} = \frac{12}{18} + \frac{9}{18} = \frac{21}{18} = 1\ \frac{3}{18} = 1\ \frac{1}{6}$

LCD: 18

$\frac{10}{12} + \frac{4}{9} =$

$\frac{4}{5} + \frac{1}{2} =$

$\frac{2}{10} + \frac{6}{11} =$

$\frac{2}{8} + \frac{3}{5} =$

$\frac{1}{5} + \frac{9}{11} =$

$\frac{5}{6} + \frac{6}{10} =$

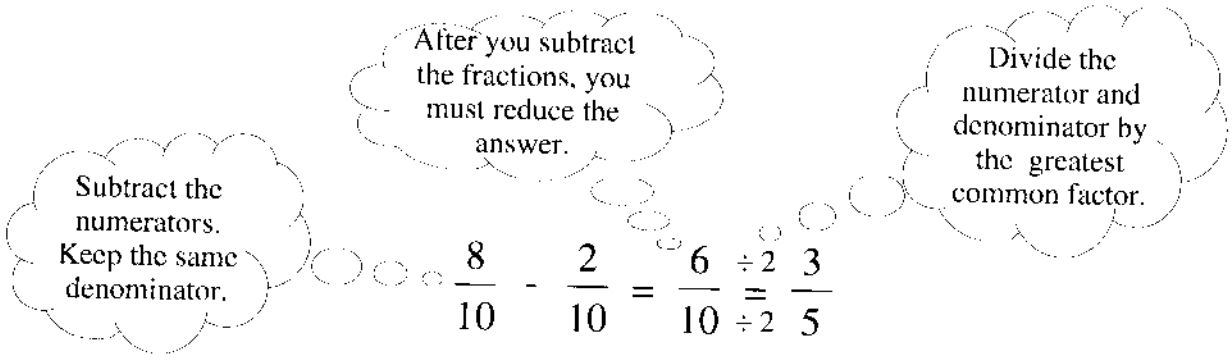
$\frac{1}{2} + \frac{10}{12} =$

$\frac{5}{7} + \frac{3}{10} =$

$\frac{2}{10} + \frac{2}{4} =$

Subtract Fractions With Like Denominators (A)

Grade 6, 7, 8



$\frac{9}{10} - \frac{3}{10} =$

$\frac{9}{12} - \frac{1}{12} =$

$\frac{9}{10} - \frac{7}{10} =$

$\frac{3}{6} - \frac{1}{6} =$

$\frac{4}{6} - \frac{2}{6} =$

$\frac{5}{8} - \frac{3}{8} =$

$\frac{9}{10} - \frac{4}{10} =$

$\frac{5}{6} - \frac{1}{6} =$

$\frac{5}{6} - \frac{2}{6} =$

$\frac{11}{12} - \frac{8}{12} =$

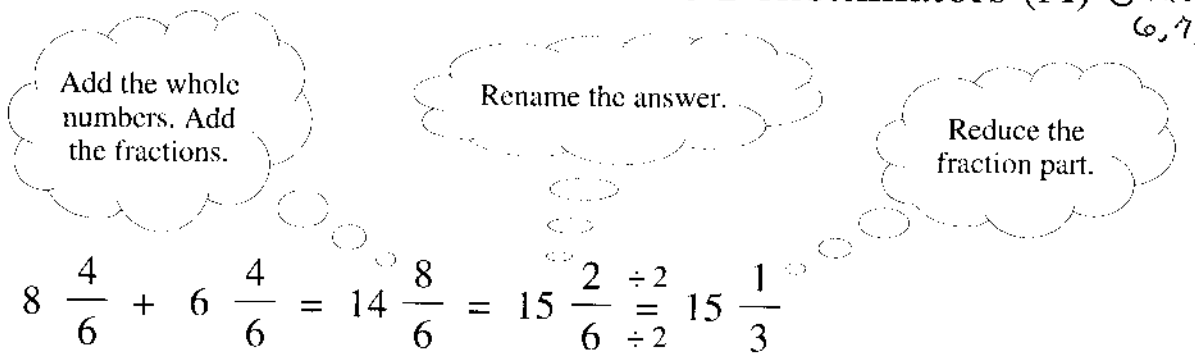
$\frac{3}{4} - \frac{1}{4} =$

$\frac{7}{8} - \frac{3}{8} =$

$\frac{9}{12} - \frac{5}{12} =$

$\frac{5}{6} - \frac{1}{6} =$

Add Mixed Numbers With Like Denominators (A) Grade 6, 7, 8



$$8\ \frac{4}{6} + 6\ \frac{4}{6} = 14\ \frac{8}{6} = 15\ \frac{2}{6} \overset{\div 2}{=} 15\ \frac{1}{3}$$

$3\ \frac{6}{12} + 3\ \frac{9}{12} =$

$9\ \frac{3}{4} + 6\ \frac{3}{4} =$

$4\ \frac{5}{8} + 8\ \frac{5}{8} =$

$3\ \frac{5}{6} + 3\ \frac{5}{6} =$

$5\ \frac{5}{6} + 5\ \frac{4}{6} =$

$6\ \frac{9}{10} + 8\ \frac{3}{10} =$

$6\ \frac{3}{8} + 2\ \frac{7}{8} =$

Adding and Subtracting Mixed Numbers (1) Grade 6, 7, 8

1) $1\frac{4}{7}+6\frac{7}{8}$

2) $1\frac{5}{8}+5\frac{5}{6}$

3) $5\frac{4}{7}-4\frac{5}{9}$

4) $12-1\frac{8}{11}$

5) $3\frac{4}{9}-\frac{3}{8}$

6) $5\frac{3}{4}+4\frac{7}{8}$

7) $1\frac{1}{9}+2\frac{2}{5}$

8) $2\frac{3}{8}-1\frac{1}{7}$

9) $2\frac{1}{3}+4\frac{2}{5}$

10) $3\frac{5}{8}-\frac{5}{6}$

Multiplying Mixed Numbers (A) Grade 6, 7, 8

$1\frac{3}{7} \times \frac{2}{6} =$

$7\frac{6}{9} \times \frac{1}{3} =$

$1\frac{1}{5} \times \frac{4}{5} =$

$9\frac{2}{3} \times \frac{3}{8} =$

$1\frac{2}{6} \times \frac{2}{4} =$

$9\frac{4}{9} \times \frac{8}{9} =$

$2\frac{5}{6} \times \frac{5}{6} =$

$9\frac{1}{6} \times \frac{4}{5} =$

$4\frac{5}{7} \times \frac{2}{4} =$

$7\frac{1}{3} \times \frac{1}{4} =$

Multiplying Mixed Numbers (A) Grade 6, 7, 8

$9\frac{2}{3} \times 2\frac{1}{3} =$

$3\frac{2}{4} \times 1\frac{1}{3} =$

$1\frac{2}{6} \times 2\frac{3}{7} =$

$8\frac{1}{2} \times 3\frac{1}{4} =$

$5\frac{2}{3} \times 1\frac{5}{7} =$

$2\frac{7}{8} \times 5\frac{6}{9} =$

$4\frac{3}{8} \times 1\frac{5}{6} =$

$5\frac{1}{3} \times 1\frac{1}{3} =$

$2\frac{1}{6} \times 5\frac{1}{4} =$

$5\frac{4}{5} \times 3\frac{4}{6} =$

Dividing Fractions to Ninths (B) Grade 6, 7, 8

$\frac{7}{8} \div \frac{8}{9} =$

$\frac{6}{8} \div \frac{2}{5} =$

$\frac{5}{6} \div \frac{2}{6} =$

$\frac{2}{8} \div \frac{6}{8} =$

$\frac{1}{2} \div \frac{6}{7} =$

$\frac{1}{2} \div \frac{4}{7} =$

$\frac{4}{8} \div \frac{6}{9} =$

$\frac{2}{5} \div \frac{1}{3} =$

$\frac{3}{4} \div \frac{4}{6} =$

$\frac{1}{3} \div \frac{6}{7} =$

Mixed Number Division (A) Grade 6,7,8

$1\frac{5}{6} \div 2\frac{5}{7} =$

$4\frac{3}{4} \div 7\frac{3}{5} =$

$7\frac{1}{7} \div 9\frac{2}{3} =$

$1\frac{2}{6} \div 4\frac{1}{3} =$

$6\frac{5}{6} \div 8\frac{3}{5} =$

$7\frac{4}{5} \div 2\frac{1}{3} =$

$5\frac{3}{4} \div 1\frac{2}{3} =$

$3\frac{3}{9} \div 7\frac{6}{7} =$

$4\frac{2}{7} \div 7\frac{4}{5} =$

$7\frac{1}{4} \div 7\frac{3}{5} =$

Add and Subtract Decimal Thousandths (B)

Grade 6, 7, 8

3.09	-	0.267	=		4.92	+	8.723	=
5.637	-	1.367	=		2.588	-	2.114	=
1.652	-	0.29	=		0.067	-	0.046	=
6.763	+	0.73	=		4.838	+	6.054	=
3.385	+	4.169	=		4.698	+	0.275	=
2.895	-	1.155	=		9.493	-	5.853	=
3.688	+	5.031	=		9.088	-	6.913	=
2.971	+	1.15	=		3.097	+	4.645	=
6.081	+	1.183	=		5.816	+	8.831	=
4.049	+	5.028	=		7.252	+	4.749	=
9.766	+	7.713	=		1.45	-	0.075	=
2.285	+	7.435	=		1.9	-	0.931	=
7.345	+	9.501	=		4.831	-	2.518	=
8.591	+	3.474	=		7.43	+	9.385	=
0.832	+	4.217	=		3.177	-	2.389	=
5.013	+	0.968	=		7.951	-	3.573	=

Two-Digit by Two-Digit Tenths (A) Grade 6, 7, 8

40	29	32	73	47	36	39
X 8.0	X 5.7	X 2.2	X 6.0	X 5.5	X 8.0	X 2.4
34	86	88	74	42	75	82
X 3.8	X 3.5	X 2.4	X 7.7	X 1.1	X 6.6	X 7.5
61	11	84	49	74	31	20
X 2.0	X 6.3	X 9.9	X 2.2	X 7.0	X 6.3	X 4.6
36	17	67	73	49	62	30
X 2.5	X 8.0	X 9.3	X 4.0	X 7.3	X 7.4	X 2.2
79	83	53	68	39	25	28
X 3.2	X 7.1	X 3.6	X 4.6	X 7.4	X 1.0	X 6.3
48	61	42	52	96	89	97
X 5.2	X 9.1	X 4.7	X 3.8	X 4.6	X 1.1	X 2.8
16	33	49	82	13	90	55
X 2.5	X 9.9	X 4.4	X 1.8	X 7.0	X 5.3	X 9.5

Order of Operations (A) Grade 7, 8

$3 + 2 \times 5 + 8 \times 2$

$10 \times 2 + 6 \times 9 + 3$

$9 \times 12 + 5 + 6 \times 1$

$12 \times 4 + 3 + 1 \times 1$

$9 \times 9 + 11 \times 5 + 4$

Help

The order of operations is:

Parentheses/**B**rackets – Complete anything in parentheses first.

Exponents – Complete all exponents second.

Multiplication and **D**ivision – Complete the multiplication and division in the order it appears from left to right.

Addition and **S**ubtraction – Complete the addition and subtraction in the order it appears from left to right.

You can remember the order of operations by remembering **PEMDAS** or **BEDMAS**.

Example:

$2 + \underline{3 \times 4} + \underline{25 \div 5}$

$= 2 + 12 + 5$

$= 19$

Order of Operations (A) Grade 7, 8

$9 - 6 + 7 + 2 \times 10$

$6 \times 4 + 8 + 4 - 3$

$9 + 11 \times 7 + 11 - 4$

$5 - 2 + 9 \times 4 + 5$

$7 \times 6 + 1 - 1 + 6$

Help

The order of operations is:

Parentheses/**B**rackets – Complete anything in parentheses first.

Exponents – Complete all exponents second.

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Addition and **S**ubtraction – Complete the addition and subtraction in the order it appears from left to right.

You can remember the order of operations by remembering **PEMDAS** or **BEDMAS**.

Example:

$2 + \underline{3 \times 4} + \underline{25 \div 5}$

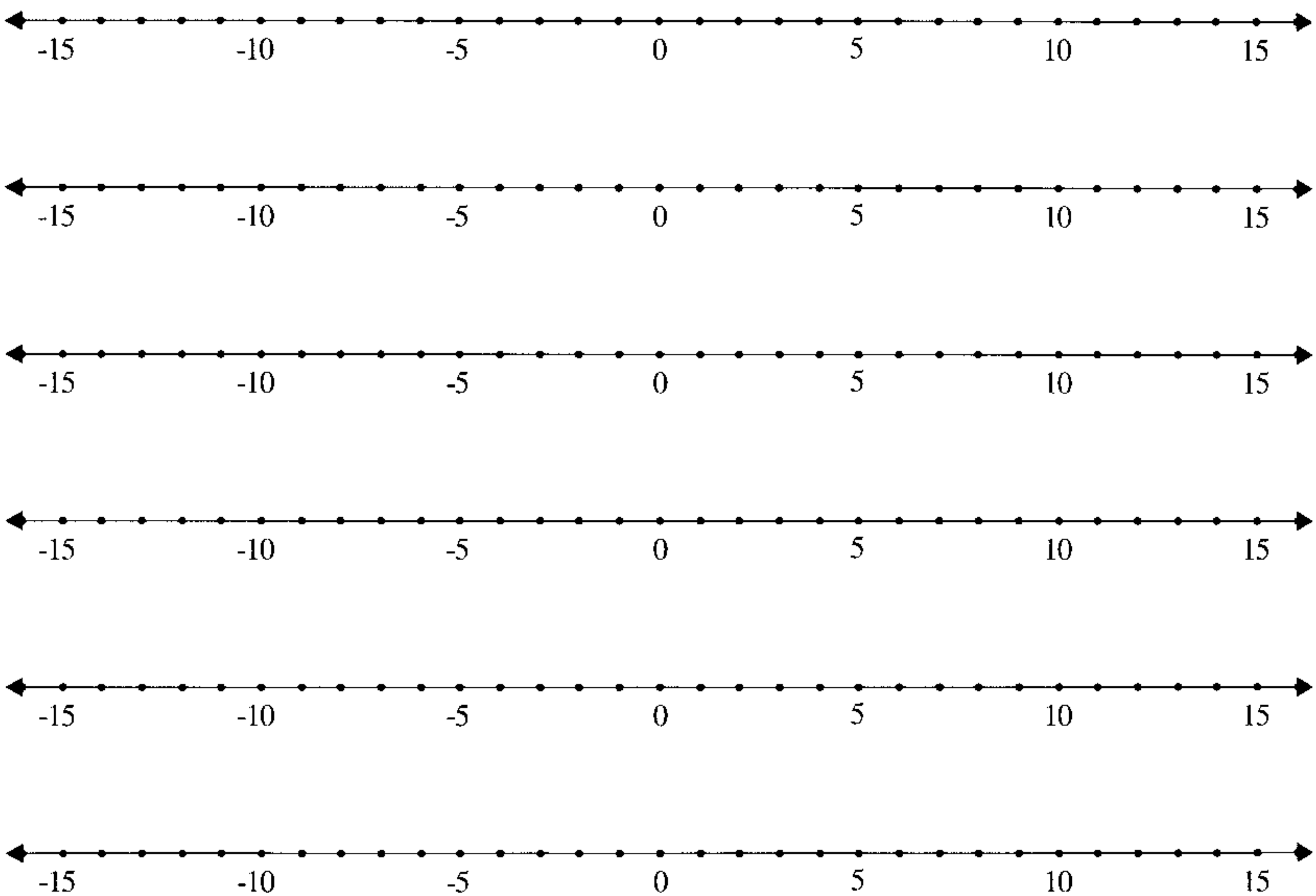
$= 2 + 12 + 5$

$= 19$

Students: Use number line - if needed - for integer addition & subtraction.

Integer Number Lines

Grade 7, 8



EXTRA! EXTRA! WRITE ALL ABOUT IT!

CHRISTMAS IN JULY – EXTRA CREDIT!

[GRADES 6, 7, 8]

Here's an opportunity for 6th, 7th & 8th graders to experience "Christmas in July", by writing about it. Mrs. Hodges and Mrs. Ellis are always looking for a good script for the SJS Christmas Program. If a Middle School student writes a script appropriate for our Christmas presentation by the 9/4/09 due date, the student will receive 5 Extra Credit points in ILA. The collaboration of 2 students per script will be permitted, with each student receiving Extra Credit. Here are the requirements:

<u>Theme</u> – the true meaning of Christmas

<u>Characters</u> – minimum of 10 speaking parts

<u>Length</u> – approx. 10 typed pages or more

<u>Music</u> – within the script, select music titles that would complement the story