

Pre-Algebra Fundamentals Homework Trimester 1 - Week 13 Nov 12 - Nov 17, 2010	Name: _____ #: _____
	Subject- Period: _____
	Reason Late: _____ <input type="checkbox"/>

Website: *my.hrw.com* Login: *wh107preab* password: *lentini* Text: *Course 2: Pre-Algebra*

	All	Version 1.0 Prob.	Version 1.1 Prob.	Extra Practice
Fri: Due Wed:		Work on Challenge Problems		
Block: Due: Wed	RS: pg 177	Prob: pg 178 (13 - 28) evens	Prob: pg 178 (21 - 28) evens Pg 178 179 (49 - 57)	EP8 (Lesson 4-3)
Wed: Due Thurs:	RS: pg 177	Prob: pg 178 (9-12) (29 -36) all		EP8 (Lesson 4-3)
Thurs: Due Fri:	RS: pg 180 - 181	Prob: pg 182 (19 - 30) evens	Prob: pg 182 (25 - 42) evens Pg 182 - 183 (43 - 52)	EP8 (Lesson 4-4)

<input type="checkbox"/> Late	-1 per days late	<input type="checkbox"/> Sloppy/disorganized	-2								
<input type="checkbox"/> Problems not written out	-4	<input type="checkbox"/> Work not shown	-5								
<input type="checkbox"/> Challenge not Attempted	-3	<input type="checkbox"/> Not Corrected or Checked	-2								
<input type="checkbox"/> Random problems wrong	-6 possible	<input type="checkbox"/> Extra Pract./Enrich.	+2 possible								
TOTAL POINTS								/25			
14/25	15/25	16/25	17/25	18/25	19/25	20/25	21/25	22/25	23/25	24/25	25/25
56%	60%	64%	68%	72%	76%	80%	84%	88%	92%	96%	100%

Week 13 Challenge (Due on Friday)

- Lyndsey, Robert, Yvonne, Eric, and Alicia baked a batch of 36 cookies; $\frac{2}{3}$ of these were chocolate chip, and the rest were plain. They ate some of the cookies. Only $1\frac{1}{2}$ dozen cookies were left, half of which were plain. Alicia is allergic to chocolate. Lyndsey ate twice as many chocolate chip cookies as plain cookies. Robert and Yvonne each ate as many cookies as Lyndsey and Alicia combined. Robert ate more chocolate chip cookies than Yvonne. If only the bakers ate the cookies and each of them ate at least one cookie, how many cookies of each kind did each person eat?

Pre-Algebra Fundamentals Homework Trimester 1 - Week 12 Nov 5 - Nov 11, 2010	Name: _____ #: _____
	Subject- Period: _____
	Reason Late: _____ <input type="checkbox"/>

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	All	Version 1.0 Prob.	Version 1.1 Prob.	Extra Practice
Fri: Due Friday:		Work on Challenge Problems		
Block: Due: Wed	RS: pg 168 – 169	Prob: pg 170 (15 – 28, 32 - 38) evens	Prob: pg 170 (26 - 38) evens Pg 171 (39 – 50)	EP8 (Lesson 4-1)
Wed: Due Thurs:	RS: pg 172 – 173	Prob: pg 174 (16 - 34) evens	Prob: pg 174 (25 - 36) evens Pg 175 (44 – 48)	EP8 (Lesson 4-2)
Thurs: Due Fri:	Off (No Homework)			

<input type="checkbox"/> Late	-1 per days late	<input type="checkbox"/> Sloppy/disorganized	-2								
<input type="checkbox"/> Problems not written out	-4	<input type="checkbox"/> Work not shown	-5								
<input type="checkbox"/> Challenge not Attempted	-3	<input type="checkbox"/> Not Corrected or Checked	-2								
<input type="checkbox"/> Random problems wrong	-6 possible	<input type="checkbox"/> Extra Pract./Enrich.	+2 possible								
TOTAL POINTS									/25		
14/25	15/25	16/25	17/25	18/25	19/25	20/25	21/25	22/25	23/25	24/25	25/25
56%	60%	64%	68%	72%	76%	80%	84%	88%	92%	96%	100%

Week 12 Challenge (Due on Friday)

1. If a man can mow a lawn that is 100 feet square in 2 hours, how long will it take to mow a lawn that is 50 feet square, assuming that he mows at the same rate of speed?

2. The first Thanksgiving was held in 1621 to celebrate the Plymouth Colony's fall harvest in what was to become the state of Massachusetts. If cabbage had been available, coleslaw might have been served at that first Thanksgiving. Here are ingredients for a coleslaw recipe that serves 8 people. How do you have to adjust the recipe to serve your 40 guests for Thanksgiving? What are the quantities in the new recipe? Recipe for 8:
 - 3 cups shredded cabbage
 - 1 cup grated carrot
 - 1/3 cup mayonnaise
 - 1 Tablespoon vinegar
 - 2 teaspoons sugar
 - 1/2 teaspoon salt
 - 1/2 teaspoon celery seed

Pre-Algebra Fundamentals Homework Trimester 1 - Week 11 Oct 29 - Nov 4, 2010	Name: _____ #: _____
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	Reason Late: _____ <input type="checkbox"/>

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	All	Version 1.0 Prob.	Version 1.1 Prob.	Extra Practice
Fri: Due Tues:	RS: pg 144 – 145	Pg 146 (19 - 33)evens	Pg 146 (19 - 33) evens Pg 147 (35 – 36)	EP7 (Lesson 3-7)
Block: Due: Wed	RS: pg 148 – 149	Pg 150 (14, 16, 28, 30, 32)	Pg 151 (41 – 46)	EP7 (Lesson 3-8)
Wed: Due Thurs:	Review Study Guide	Complete Benchmark Quiz		
Thurs: Due Fri:	Review Study Guide			

<input type="checkbox"/> Late	-1 per days late	<input type="checkbox"/> Sloppy/disorganized	-2								
<input type="checkbox"/> Problems not written out	-4	<input type="checkbox"/> Work not shown	-5								
<input type="checkbox"/> Challenge not Attempted	-3	<input type="checkbox"/> Not Corrected or Checked	-2								
<input type="checkbox"/> Random problems wrong	-6 possible	<input type="checkbox"/> Extra Pract./Enrich.	+2 possible								
TOTAL POINTS											
									/25		
14/25	15/25	16/25	17/25	18/25	19/25	20/25	21/25	22/25	23/25	24/25	25/25
56%	60%	64%	68%	72%	76%	80%	84%	88%	92%	96%	100%

Week 11 Challenge (Due on Friday)

- Doctors with last names Bork, Cork, Fork, Gork, and Hork have examination rooms in one long row, with office doors that are labeled with a 1, 2, 3, 4, or 5. Their first names are Mack, Tack, Sack, Zack, and Jack. Their rooms are colored red, yellow, blue, pink, and green. Based on the following clues, determine the color of room 5 and the first and last name of the doctor who occupies room 5.

<p>(a) The yellow room is occupied by Tack, who is not Cork or Gork.</p> <p>(b) Room 2 is red.</p> <p>(c) Of Hork and Gork, one is Jack and the other has a green room.</p> <p>(d) Doctors Bork, Hork, and Fork are not in room 2.</p> <p>(e) Sack and Hork are not in the pink room, but one of them is in the red room and the other is in room 5.</p>	<p>(f) The first name of room 5's occupant is not Mack or Tack.</p> <p>(g) Gork is in room 4.</p> <p>(h) Fork, Gork, and Hork have room numbers that are 3 and higher.</p> <p>(i) Mack's room is pink.</p> <p>(j) Hork is in a blue room.</p> <p>(k) Fork and the doctor in the yellow room are in rooms 1 and 3.</p> <p>(l) Fork's first name is Mack</p>
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Pre-Algebra Fundamentals Homework Trimester 1 - Week 10 Oct 22 - Oct 28, 2009	Name: _____ #: _____
	Subject- Period: _____
	Reason Late: _____ <input type="checkbox"/>

Website: *my.hrw.com* Login: *wh107preab* password: *lentini* Text: *Course 2: Pre-Algebra*

	All	Version 1.0 Prob.	Version 1.1 Prob.	Extra Practice
Fri: Due Tues:	No Homework			
Block: Due: Wed	RS: pg 116 – 117	Prob: pg 118 (15 - 34)evens	Prob: pg 118 (23 - 34)evens Pg 119 (43 – 51)	EP6 (Lesson 3-1)
Wed: Due Thurs:	RS: pg 136 – 137	Prob: pg 138 (11 – 23) all	Prob: pg 138 (13 – 23) all Pg 139 (30 – 38)	EP7 (Lesson 3-5)
Thurs: Due Fri:	RS: pg 140 – 141	Pg 142 (9-14, 18-25) evens	Pg 142 (17 – 25) evens Pg 143 (27 – 32)	EP7 (Lesson 3-6)

<input type="checkbox"/> Late	-1 per days late	<input type="checkbox"/> Sloppy/disorganized	-2								
<input type="checkbox"/> Problems not written out	-4	<input type="checkbox"/> Work not shown	-5								
<input type="checkbox"/> Challenge not Attempted	-3	<input type="checkbox"/> Not Corrected or Checked	-2								
<input type="checkbox"/> Random problems wrong	-6 possible	<input type="checkbox"/> Extra Pract./Enrich.	+2 possible								
TOTAL POINTS											
								/25			
14/25	15/25	16/25	17/25	18/25	19/25	20/25	21/25	22/25	23/25	24/25	25/25
56%	60%	64%	68%	72%	76%	80%	84%	88%	92%	96%	100%

Week 10 Challenge (Due on Friday)

1. A mathematician was using his magnifying glass to examine an angle measuring $14 \frac{1}{2}$ degrees. It was magnified $3 \frac{1}{2}$ times. Under the glass, how large would that angle measure?

2. Carly is saving money to buy a CD storage unit that costs \$145. If she places a nickel in her piggy bank on day 1, a dime in her bank on day 2, two dimes on day 3, four dimes on day 4, and continues this pattern for 13 days, how much money will Carly have saved at the end of the 13th day? Will she have enough money for the CD holder?

Pre-Algebra Fund Homework Trimester 1 - Week 9 Oct 15 – Oct 21, 2010	Name: _____ #: _____
	Subject- Period: _____
	Reason Late: _____ <input type="checkbox"/>

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	All	Version 1.0 Prob.	Version 1.1 Prob.	Extra Practice
Fri: Due Wed:		Complete Practice Sheet		
Tues: Due Wed:		Complete Practice Sheet		
Wed: Due Thurs:	Review Study Guide	Complete Benchmark Quiz		
Thurs: Due Fri:	Review Study Guide	Review Benchmark Quiz		

<input type="checkbox"/> Late	-1 per days late	<input type="checkbox"/> Sloppy/disorganized	-2								
<input type="checkbox"/> Problems not written out	-4	<input type="checkbox"/> Work not shown	-5								
<input type="checkbox"/> Challenge not Attempted	-3	<input type="checkbox"/> Not Corrected or Checked	-2								
<input type="checkbox"/> Random problems wrong	-6 possible	<input type="checkbox"/> Extra Pract./Enrich.	+2 possible								
TOTAL POINTS			/25								
14/25	15/25	16/25	17/25	18/25	19/25	20/25	21/25	22/25	23/25	24/25	25/25
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Week 9 Challenge (Due on Friday)

- "We need more boys in the club," said Maryanne. "Why?" asked Patty. "Well, we have 32 members now, and only $\frac{1}{4}$ are boys," Maryanne explained. "That's not too good," Patty admitted. "You're right," said Maryanne. "We have to get some more boys to join. At least $\frac{1}{3}$ of the members must be boys." "That would be a more balanced club," Patty agreed. How many more boys would they need if no more girls joined their club?
- Will and Emma are playing a factor game. Will told Emma that he was thinking of a Mystery Number that had 2, 7, and 9 as factors (numbers that go into a number). He said that there were nine other factors of his number. What are the other factors of his number? What is his Mystery Number?

Pre-Algebra Fund Homework Trimester 1 - Week 8 Oct 8 – Oct 14, 2010	Name: _____ #: _____
	Subject- Period: _____
	Reason Late: _____ <input type="checkbox"/>

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	All	Version 1.0 Prob.	Version 1.1 Prob.	Extra Practice
Fri: Due Wed:	RS: pg 87 – 89	Prob: pg 90 (18, 19, 21, 25, 26, 32)	Prob: pg 90 (18, 19, 21, 25, 26, 32) pg 90 (38 – 40)	EP5 (Lesson 2-6) addition problems
Block (Mon or Tues): Due Wed:	RS: pg 87 – 89	Prob: pg 90 (20, 22, 24, 28, 34, 37)	Prob: pg 90 (20, 22, 24, 28, 34, 37) Pg 90 (41 – 49)	EP5 (Lesson 2-6) subtraction problems
Wed: Due Thurs:	RS: pg 94 – 95	Prob: pg 97 (33, 36, 37, 39, 42, 44)	Prob: pg 97 (33, 36, 37, 39, 42, 44) Pg 97 (50 – 53)	EP5 (Lesson 2-7)
Thurs: Due Fri:		Complete Practice Sheet		

<input type="checkbox"/> Late	-1 per days late	<input type="checkbox"/> Sloppy/disorganized	-2								
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<input type="checkbox"/> Challenge not Attempted	-3	<input type="checkbox"/> Not Corrected or Checked	-2								
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14/25	15/25	16/25	17/25	18/25	19/25	20/25	21/25	22/25	23/25	24/25	25/25
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Week 8 Challenge (Due on Friday)

- The United States acquired Alaska from Russia on October 18, 1867, for about 2¢ an acre. Currently, Alaska has an area of 570,374 square miles. Use this current area as an estimate for the 1867 area. About how much did Alaska cost? Rhode Island, the smallest state, is 1045 square miles. At 2¢ an acre, how much would Rhode Island cost? How much would your state cost?

Note: 1 square mile = 640 acres.

- Richard has difficulty saving money. As soon as he was a few dollars ahead, he would spend it. Recently, he had a tidy sum in the bank and then made three withdrawals. The first withdrawal cut his savings in half. The second withdrawal removed 1/4 of what was left. The third withdrawal cut the remainder of his savings in half again and left him with just \$15 in the bank. How much did Richard have in his savings before he made the three withdrawals?

Pre-Algebra Fund Homework Trimester 1 - Week 6 Sept 24 – Sept 30, 2010	Name: _____ #: _____
	Subject- Period: _____
	Reason Late: _____ <input type="checkbox"/>

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	All	Version 1.0 Prob.	Version 1.1 Prob.	Extra Practice
Fri: Due Wed:		Complete Benchmark Quiz		
Block (Mon or Tues): Due Wed:	Review Study Guide			
Wed: Due Thurs:		Work on Challenge Problems		
Thurs: Due Fri:	RS: pg 66 – 67	Prob: pg 68 (27 -44) evens	Prob: pg 68 (37 -52) evens Pg 69 (63 – 68)	EP4 (Lesson 2-1)

<input type="checkbox"/> Late	-1 per days late	<input type="checkbox"/> Sloppy/disorganized	-2								
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Week 6 Challenge (Due on Friday)

1. Based on the numbers provided in the 3×3 grid, determine the missing value for A.

8	5	7
2	6	1
A	9	6

2. When you roll a pair of dice and find the sum of the dots (called *pips*), what sum or sums are least likely to occur? Explain why.

Pre-Algebra Fund Homework Trimester 1 - Week 5 Sept 17 - Sept 23, 2010	Name: _____ #: _____
	Subject- Period: _____
	Reason Late: _____ <input type="checkbox"/>

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	All	Version 1.0 Prob.	Version 1.1 Prob.	Extra Practice
Fri: Due Tues:	RS: pg 32 – 34	Practice Sheet		
Tues: Due Wed:	RS: pg 37 – 38	Prob: pg 39 (27 -50) evens	Prob: pg 39 (34 -50) evens Pg 40 (50 – 56)	EP3 (Lesson 1-8)
Wed: Due Thurs:	RS: pg 43 – 45	Prob: pg 46 (16 -36) evens	Prob: pg 46 (28 -36) evens Pg 47 (51 – 54)	EP3 (Lesson 1-9)
Thurs: Due Fri:	RS: pg 43 – 45	Practice Sheet		

<input type="checkbox"/> Late	-1 per days late	<input type="checkbox"/> Sloppy/disorganized	-2								
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Week 5 Challenge (Due on Friday)

1. A fireman stood on the middle rung of a ladder pouring water on a building. As the smoke cleared, he stepped up 3 rungs. A sudden flare-up forced him to go down 5 rungs. Later he climbed 7 rungs to work on the fire. Then he climbed the remaining 6 rungs to the top of the ladder and stepped off to stand on the roof. How many rungs did the ladder have?

2. A can with 40 marbles in it weighed 135 grams. The same can with 20 marbles weighed 75 grams. What is the mass of each marble? What is the mass of the can?

Pre-Algebra Fund Homework Trimester 1 - Week 2 August 27-Sept 2, 2010	Name: _____ #: _____
	Subject- Period: _____
	Reason Late: _____ <input type="checkbox"/>

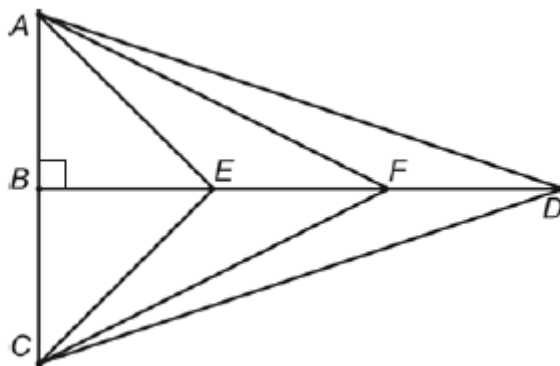
Website: *my.hrw.com* Login: *wh107preab* password: *lentini* Text: *Course 2: Pre-Algebra*

	All	Version 1.0 Prob.	Version 1.1 Prob.	Extra Practice
Fri: Due Wed:	No Homework			
Block (Mon or Tues): Due Wed:	RS: pg 6–7	Pg 8 (19- 43) evens	Pg 8 (28–43) evens Pg 9 (45–49)	EP2 (Lesson 1-1)
Wed: Due Thurs:	RS: pg 10–11	Pg 12 (11 - 31) evens	Pg 12 (16 - 31) even Pg 13 (36–40)	EP2 (Lesson 1-2)
Thurs: Due Fri:	RS: pg 14–15	Pg 16 (27 - 52) evens	Pg 16 (27 - 52) evens Pg 17 (53–57)	EP2 (Lesson 1-3)

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Week 2 Challenge (Due on Friday)

For problems 1–2, see the figure below. Line segment AC is 2 inches long, with a midpoint at B . Line segment BD , which is perpendicular to AC , is 3 inches long. Line segment BD is divided into three subsegments, each of length 1 inch, by points E and F .



- How many triangles (of any size) can be found in the figure?
- In terms of area, what fraction of the region inside $\triangle ADC$ is $\triangle AFC$?