

BOARD PROBLEMS. Ch. 1

$$\textcircled{1} \quad \frac{2}{3} + \frac{1}{8} =$$

$$\textcircled{2} \quad \frac{4}{5} - \frac{1}{7} =$$

$$\textcircled{3} \quad \frac{2}{3} \times \frac{6}{4} =$$

$$\textcircled{4} \quad \frac{8}{13} \div \frac{4}{5} =$$

$$\textcircled{5} \quad 2x + 8 = 16$$

HOMEWORK

1A, B, C, D, E, Test 1

Correct after each page!

Answer key on Syllabus.

1) ~~www~~ Homeschool-LIFE (Algebra)
LINKED TO EACH HOMEWORK

2) www.kirklandmasterymath.com
- Co-op Classes
- ALGEBRA 1
- Syllabus

TURNING IN HOMEWORK

① Scan all pages to ONE .PDF file

② Upload on Homeschool Life

Algebra Syllabus - Wednesday 3rd Hour

Assignment	Lecture	Due	Video	Board Pbs.	Ch. Ans. Key	Test Ans. Key
Ch.1 - Commutative/Associative Prop.	6-Sept	13-Sept	Video Ch. 1	-	AK-1	Test 1
Ch.2 - Order of Operations	13-Sept	20-Sept	Video Ch. 2	-	AK- 2	Test 2
Ch.3 - Solving Unknown w/One Variable	20-Sept	27-Sept	Video Ch. 3	-	AK-3	Test 3
Ch.4 - Distributive Property	27-Sept	4-Oct	Video Ch. 4	-	AK-4	Test 4
Ch.5 - Cartesian Coordinates	4-Oct	11-Oct	Video Ch. 5	-	AK-5	Test 5
Ch.6 - Graphing a Line	11-Oct	18-Oct	Video Ch. 6	-	AK-6	Test 6
Ch.7 - Slope-Intercept Formula	18-Oct	25-Oct	Video Ch. 7	-	AK-7	Test 7
Ch. 8 - Graphing Slope/Intercept Formula	25-Oct	1-Nov	Video Ch. 8	-	AK-8	Test 8
Ch. 9 - Equation of a Line/Parallel Lines	1-Nov	8-Nov	Video Ch. 9	-	AK-9	Test 9
Ch. 10 - Perpendicular Lines	8-Nov	15-Nov	Video Ch. 10	-	AK-10	Test 10
Ch. 11 - Slope-Intercept/Different Inputs Study for Unit I Test (Ch. 1 - 11)	15-Nov	29-Nov	Video Ch. 11	Board Pbs Ch. 11	AK-11	Test 11
Thanksgiving	22-Nov		-	-		
Unit Test 1	29-Nov			-		
Ch.12 - Graphing Inequalities	6-Dec	13-Dec	Video Ch. 12	-	AK-12	Test 12
Ch.13 - Simultaneous Eq./Graphing	13-Dec	10-Jan	Video Ch. 13	-	AK-13	Test 13
Christmas Break!!!	20-Dec	9-Jan	-	-		
Ch.14 - Simultaneous Eq./Substitution	10-Jan	17-Jan	Video Ch. 14	-	AK-14	Test 14
Ch.15 - Simultaneous Eq./Elimination	17-Jan	24-Jan	Video Ch. 15	-	AK-15	Test 15
Ch.16 - Coin Problems	24-Jan	31-Jan	Video Ch. 16	-	AK-16	Test 16
Ch.17 - Consecutive Integers	31-Jan	7-Feb	Video Ch. 17	-	AK-17	Test 17
Ch.18 - Exponents	7-Feb	14-Feb	Video Ch. 18	-	AK-18	Test 18
Ch.19 - Negative Exponents/Powers	14-Feb	28-Feb	Video Ch. 19	-	AK-19	Test 19
Ch.20 - Add/Subt/Mult Polynomials	28-Feb	6-Mar	Video Ch. 20	-	AK-20	Test 20
Ch.21 - Factor Polynomials	6-Mar	13-Mar	Video Ch. 21	-	AK-21	Test 21
Ch.22 - Factor w/Coefficients	13-Mar	20-Mar	Video Ch. 22	-	AK-22	Test 22
Ch. 23 - Factor w/Negative Numbers Study for Unit II Test (Ch 12 - 22)	20-Mar	27-Mar	Video Ch. 23	-	AK-23	Test 23
Unit Test II	27-Mar					
Ch.24 - Sq. Roots/Dividing Polynomials	3-Apr	17-Apr	Video Ch. 24	-	AK-24	Test 24
Spring Break	10-Apr					
Ch.25 - Difference of 2 Squares	17-Apr	24-Apr	Video Ch. 25	-	AK-25	Test 25
Ch.26 - Repeated Factoring	24-Apr	1-May	Video Ch. 26	-	AK-26	Test 26
Ch.27 - Solving Equations w/Factoring	1-May	8-May	Video Ch. 27	-	AK-27	Test 27
Ch.28/29 - Unit and Sq. Unit Multipliers	8-May	15-May	Video Ch. 28/29	-	AK-28/29	Test 28/29
Ch.30/31 - Metric/Fractional Exponents Study for Unit III Test (Ch 23 - 31)	15-May	22-May	Video Ch. 30 Video Ch. 31	-	AK-30/31	Test 30/31
Unit Test III	22-May					
Ch. 32 - Significant Digits/Scientific Notation	Extra		Video Ch. 32	-	AK-32	

Understanding Pre-Algebra Rules

1. Write the TWO rules for adding positive and negative numbers and give an example.
2. Write the rule for subtracting positive and negative numbers and give two different examples, one that uses subtracting a positive and subtracting a negative.
3. Write the TWO rules for multiplying and dividing positive and negative numbers.

4. For which operations does the **associative** rule apply? If you check yes, show an example.

Operation	Yes	No	Example
Addition			
Subtraction			
Multiplication			
Division			

5. For which operations does the **commutative** rule apply? If you check yes, show an example.

Operation	Yes	No	Example
Addition			
Subtraction			
Multiplication			
Division			

Name : _____

Score : _____

Teacher : _____

Date : _____

1) $7 \times -3 =$

2) $7 \times 9 =$

3) $9 \times 5 =$

4) $28 \div 4 =$

5) $3 - 2 =$

6) $3 \times 8 =$

7) $25 \div 5 =$

8) $8 + 8 =$

9) $3 + -8 =$

10) $48 \div 6 =$

11) $-8 - 4 =$

12) $-8 + 5 =$

13) $-10 \div 2 =$

14) $2 \times -7 =$

15) $-5 \times -6 =$

16) $-5 - 6 =$

17) $-3 - 9 =$

18) $4 + 3 =$

19) $3 + 6 =$

20) $-5 + 7 =$

21) $5 + 5 =$

22) $-8 \times -2 =$

23) $9 - -8 =$

24) $8 - -8 =$

25) $-35 \div -5 =$

26) $45 \div 5 =$

27) $-20 \div -5 =$

28) $-6 + 7 =$

29) $6 - 9 =$

30) $5 - -6 =$



SYSTEMATIC REVIEW

$$\textcircled{1} 3^2 =$$

$$\textcircled{2} 3^3 =$$

$$\textcircled{3} -3^2 =$$

$$\textcircled{4} (-3)^2 =$$

COMBINING LIKE TERMS

$$\textcircled{1} 5D - 6C + 8D - 3C + B =$$

$$\textcircled{2} 4x - 5y - 8x + 6 - 2y =$$

FACTORS

18

PRIME FACTORS

18

ADDING / Subtracting FRACTION

$$\textcircled{1} \quad \frac{2}{3} + \frac{3}{7} =$$

$$\textcircled{3} \quad \begin{array}{r} 6\frac{1}{3} \\ + 3\frac{4}{9} \\ \hline \end{array}$$

$$\textcircled{2} \quad \frac{8}{15} - \frac{1}{3} =$$

MULTIPLYING / DIVIDING FRACTIONS

$$\textcircled{1} \quad \frac{1}{4} \times \frac{5}{13} \times 2\frac{3}{4} =$$

$$\textcircled{2} \quad 1\frac{4}{9} \div \textcircled{\text{scribble}} \frac{6}{7} =$$