

6<sup>th</sup> Grade Assignment Sheet

Date: 1-13-2012

Buchanan and Mr. Nash

Communications: Book: YES (NO)

\* Wordle on Snowperson

\* Rough Draft - Paragraph describing your Snowperson

Social Studies: Book: YES (NO)

\* Internet Work on Ancient China

\* Crossword Puzzle

Mathematics: Book: YES NO

wksht 1-5

Science: Book: YES NO

Video

## Ancient China: Explore the Wall and Army

Name # \_\_\_\_\_

Date \_\_\_\_\_

Directions: Once again you will be visiting the website of [www.mrdonn.org](http://www.mrdonn.org)

You will click on the category of Ancient China. Then scroll down to and click on the category of The Great Wall. Scroll down to the subtitle of Great Wall China Game. Go through the complete game and see how you do.

Then...

Click the back arrow (in top left hand corner of screen) and go to the subtitle First Emperor Qin.

Read and answer the following questions about this emperor.

1. What was he the 1<sup>st</sup> man to do? \_\_\_\_\_

2. What do legalists believe?

\_\_\_\_\_  
\_\_\_\_\_

3. What system did he develop in order to control his people? \_ (Hint: it starts with the letter B) \_\_\_\_\_.

4. Why did he set up a "Spy System"?

\_\_\_\_\_

5. What are the things he standardized?

\_\_\_\_\_

6. Whose teachings did he dislike? \_\_\_\_\_

7. What would happen to the peasants if they tried to do anything else besides their assigned job? \_\_\_\_\_

8. What were some of the things he built?

\_\_\_\_\_



**1-5****Practice: Skills****Order of Operations**

Find the value of each expression.

1.  $7 - 6 + 5$

2.  $31 + 19 - 8$

3.  $64 - 8 + 21$

4.  $17 + 34 - 2$

5.  $28 + (89 - 67)$

6.  $(8 + 1) \times 12 - 13$

7.  $63 \div 9 + 8$

8.  $5 \times 6 - (9 - 4)$

9.  $13 \times 4 - 72 \div 8$

10.  $16 \div 2 + 8 \times 3$

11.  $30 \div (21 - 6) \times 4$

12.  $6 \times 7 \div (6 + 8)$

13.  $88 - 16 \times 5 + 2 - 3$

14.  $(2 + 6) \div 2 + 4 \times 3$

15.  $4^3 - 24 \div 8$

16.  $100 \div 5^2 \times 4^3$

17.  $48 \div 2^3 + 25 \times (9 - 7)$

18.  $45 \div 9 + 8 - 7 + 2 \times 3$

19.  $18 + 7^2 \times (8 - 2) \div 3 + 8$

20.  $(5^2 + 3^3) \times (81 + 9) \div 10$

**Practice: Skills****Algebra: Variables and Expressions**

Complete the table.

Algebraic Expressions	Variables	Numbers	Operations
1. $5d + 2c$	?	?	?
2. $5w - 4y + 2s$	?	?	?
3. $xy \div 4 + 3m - 6$	?	?	?

Evaluate each expression if  $a = 3$  and  $b = 4$ .

4.  $10 + b$

5.  $2a + 8$

6.  $4b - 5a$

7.  $a \times b$

8.  $7a \times 9b$

9.  $8a - 9$

10.  $b \times 22$

11.  $a^2 + 1$

12.  $18 \div 2a$

13.  $a^2 \times b^2$

14.  $ab \div 3$

15.  $15a - 4b$

16.  $ab + 7 \times 11$

17.  $36 \div 6a$

18.  $7a + 8b \times 2$

Evaluate each expression if  $x = 7$ ,  $y = 15$ , and  $z = 8$ .

19.  $x + y + z$

20.  $x + 2z$

21.  $xz + 3y$

22.  $4x - 3z$

23.  $z^2 \div 4$

24.  $6z - 5z$

25.  $9y \div (2x + 1)$

26.  $15y + x^2$

27.  $y^2 + 4 \times 6$

28.  $y^2 - 2x^2$

29.  $x^2 + 30 - 18$

30.  $13y - zx \div 4$

31.  $xz - 2y + 8$

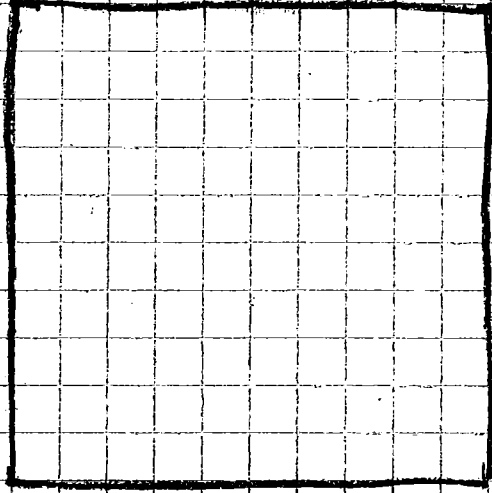
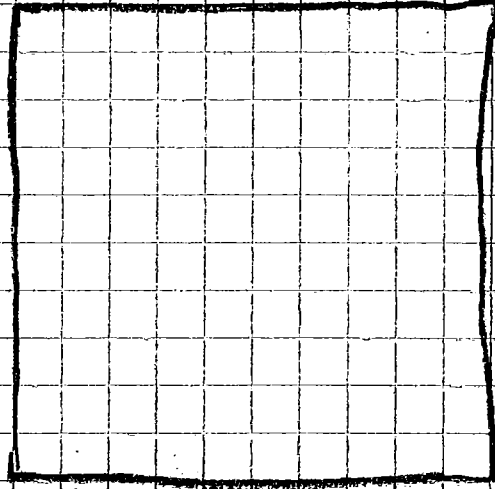
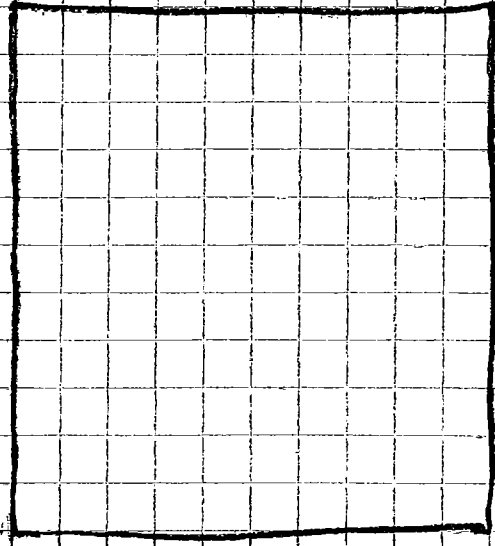
32.  $z^2 + 5y - 20$

33.  $3y \times 40x - 1,000$

6 squares - 3 on each side

$$10 \times 10$$

Model %, fraction and decimal



42%, 75%, 89%, 100%, 105%

Lesson 10-4, 10-5, 10-6