ST

STIRLING TUITION

Lesson 1 Homework

Name: _____

Day	Completed
1	
2	
PT	_____ / 8

Day 1 Homework

Square Numbers and Square Root

$3^2 =$ _____ 9 _____ $\quad\quad$ $\sqrt{25} =$ _____ 5 _____

$1^2 =$ _____ 1 _____ $\quad\quad$ $\sqrt{100} =$ _____ 10 _____

$6^2 =$ _____ 36 _____ $\quad\quad$ $\sqrt{36} =$ _____ 6 _____

$4^2 =$ _____ 16 _____ $\quad\quad$ $\sqrt{49} =$ _____ 7 _____

Cubed Numbers and Cubed Root

$1^3 =$ _____ 1 _____ $\quad\quad$ $\sqrt[3]{125} =$ _____ 5 _____

$4^3 =$ _____ 64 _____ $\quad\quad$ $\sqrt[3]{8} =$ _____ 2 _____

$5^3 =$ _____ 125 _____ $\quad\quad$ $\sqrt[3]{27} =$ _____ 3 _____

Triangular Numbers:

1 $\underset{+2}{\quad}$ 3 $\underset{+3}{\quad}$ 6 $\underset{+4}{\quad}$ 10 $\underset{+5}{\quad}$ 15 $\underset{+6}{\quad}$ 21 $\underset{+7}{\quad}$ 28 $\underset{+8}{\quad}$ 36 $\underset{+9}{\quad}$ 45

Nouns / Pronouns

List 10 Nouns

1) pen
2) mouse
3) house
4) table
5) Erin
6) Bob
7) bed
8) carpet
9) toy
10) paper

Examples above.

List 10 Pronouns

1) us
2) we
3) their
4) hers
5) his
6) I
7) you
8) mine
9) him
10) her

Examples above.

Day 2 Homework

Square Numbers and Square Root

$8^2 =$ ___64___

$10^2 =$ ___100___

$9^2 =$ ___81___

$7^2 =$ ___49___

$\sqrt{9} =$ ___3___

$\sqrt{4} =$ ___2___

$\sqrt{81} =$ ___9___

$\sqrt{16} =$ ___4___

Cubed Numbers and Cubed Root

$6^3 =$ ___216___

$2^3 =$ ___8___

$10^3 =$ ___1000___

$\sqrt[3]{1000} =$ ___10___

$\sqrt[3]{64} =$ ___4___

$\sqrt[3]{216} =$ ___6___

Triangular Numbers:

1   3   6   __10__   __15__   __21__   __28__   __36__   __45__

+2   +3   +4   +5   +6   +7   +8   +9

Nouns / Pronouns

List 10 Nouns

1) Monitor
2) car
3) grass
4) sky
5) rain
6) cloud
7) park
8) cat
9) wood
10) leaf

Examples above.

List 10 Pronouns

1) we
2) it
3) me
4) myself
5) they
6) itself
7) her
8) our
9) him
10) my

Examples above.

<u>Progress Test</u> (___ / 8)

1) What is the seventh square number? __7×7__ _49_

2) What is the cubed root of 27? __3__ $3 \times 3 \times 3 = 27$

3) What is the 6th triangular number? __21__ $\underset{+2}{1}, \underset{+3}{3}, \underset{+4}{6}, \underset{+5}{10}, \underset{+6}{15}, \boxed{21}$

4) What is the fifth cubed number? __125__ $\boxed{5 \times 5} \times 5 = 125$
                                              25

5) What number between 50 and 100 is a square number and a cubed number? __64__ $8 \times 8 = 64$
                                                                                $4 \times 4 \times 4 = 64$

6) What number less than 40 is a square, cubed and triangular number? __1__
   $1 = triangular$
   $1 \times 1 = Square$
   $1 \times 1 \times 1 = cubed$

7) Circle the pronoun in the sentence below.

The happy <u>horse</u> ran quickly to the <u>field</u> to see (its) foal.

8) Underline all the nouns in the sentence above.