STIRLING TUITION

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Lesson 1

Name: _____

Square Numbers and Square Root

5^2 = 25

$\sqrt{36}$ = 6

3^2 = _____

$\sqrt{25}$ = _____

1^2 = _____

$\sqrt{100}$ = _____

6^2 = _____

$\sqrt{1}$ = _____

4^2 = _____

$\sqrt{49}$ = _____

2^2 = _____

$\sqrt{64}$ = _____

8^2 = _____

$\sqrt{9}$ = _____

10^2 = _____

$\sqrt{4}$ = _____

9^2 = _____

$\sqrt{81}$ = _____

7^2 = _____

$\sqrt{16}$ = _____

Cubed Numbers and Cubed Root

4^3 = 64

$\sqrt[3]{125}$ = 5

1^3 = _____

$\sqrt[3]{8}$ = _____

5^3 = _____

$\sqrt[3]{27}$ = _____

3^3 = _____

$\sqrt[3]{1}$ = _____

6^3 = _____

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

2^3 = _____

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

10^3 = _____

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

Triangular Numbers

1 (+2)

3 (+3)

_____

_____

_____

_____

_____

_____

_____

_____

Nouns/Pronouns

Star (∗) the nouns and circle the pronouns

∗country	(us)	∗bullfight	(themself)	∗firewood	(we)
their	England	Sony	toothpaste	hers	honesty
number	Ribena	job	yourselves	bulldog	tree
story	Cadbury's	I	you	tribe	mine
my	Devon	him	our	gunfire	Wales
bench	her	city	goldfish	itself	president
they	myself	hairdresser	army	me	truth
it	Xbox	Ireland	toothpick	we	Lucy

Adjectives

Sort the Adjectives into the correct boxes below

afraid	elegant	glum	large	petrified	tearful
amused	enormous	gorgeous	merry	short	terrifying
beautiful	fearful	handsome	miniature	little	thin
cheerful	gigantic	haunted	minute	smart	tiny
creepy	glad	huge	miserable	spooky	upset
cute	gloomy	jolly	pleased	tall	wide

Happy Words amused	Small Words short	Pretty Words elegant
Sad Words glum	Big Words large	Scary Words afraid

Sudoku (4x4)

1) Sudoku grid consists of 4x4 spaces.
2) You can use only numbers from 1 to 4.
3) Each 2×2 block can only contain numbers from 1 to 4.
4) Each vertical column can only contain numbers from 1 to 4.
5) Each horizontal row can only contain numbers from 1 to 4.
6) Each number in the 2×2 block, vertical column or horizontal row can be used only once.
7) The game is over when the whole Sudoku grid is correctly filled with numbers.

1

2	1	4	3
4	3	2	1
3	2	1	4
1	4	3	2

2

1		3	4
	3		
2			
			1

3

4	2		
1			
	1	2	
			3

4

			3
4			
	1	3	
3		2	

5

	2		
		2	
3		4	
2			1

6

			1
4			2
2			4
		2	3

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Lesson 1 Homework

Name: _____

Day	Completed
1	
2	
PT	_____ / 8

Day 1 Homework

Square Numbers and Square Root

3^2 = _____ $\sqrt{25}$ = _____

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

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

4^2 = _____ $\sqrt{49}$ = _____

Cubed Numbers and Cubed Root

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

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

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

Triangular Numbers:

1 3 6 ____ ____ ____ ____ ____ ____

Nouns / Pronouns

List 10 Nouns

1) _____

2) _____

3) _____

4) _____

5) _____

6) _____

7) _____

8) _____

9) _____

10) _____

List 10 Pronouns

1) _____

2) _____

3) _____

4) _____

5) _____

6) _____

7) _____

8) _____

9) _____

10) _____

Day 2 Homework

Square Numbers and Square Root

8^2 = _____ $\sqrt{9}$ = _____

10^2 = _____ $\sqrt{4}$ = _____

9^2 = _____ $\sqrt{81}$ = _____

7^2 = _____ $\sqrt{16}$ = _____

Cubed Numbers and Cubed Root

6^3 = _____ $\sqrt[3]{1000}$ = _____

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

10^3 = _____ $\sqrt[3]{216}$ = _____

Triangular Numbers:

1 3 6 ____ ____ ____ ____ ____ ____

Nouns / Pronouns

List 10 Nouns

1) _____

2) _____

3) _____

4) _____

5) _____

6) _____

7) _____

8) _____

9) _____

10) _____

List 10 Pronouns

1) _____

2) _____

3) _____

4) _____

5) _____

6) _____

7) _____

8) _____

9) _____

10) _____

Progress Test (___ / 8)

1) What is the seventh square number? _____

2) What is the cubed root of 27? _____

3) What is the 6^{th} triangular number? _____

4) What is the fifth cubed number? _____

5) What number between 50 and 100 is a square number and a cubed number? _____

6) What number less than 40 is a square, cubed and triangular number? _____

7) Circle the pronoun in the sentence below.

The happy horse ran quickly to the field to see its foal.

8) Underline all the nouns in the sentence above.