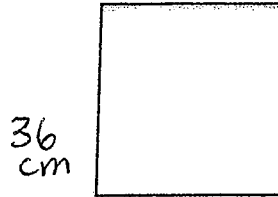


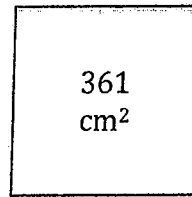
Daily 8 Friday Final # 6 Date: _____ Name: _____

1. What is an example of a number that has a square root greater than 8 but less than 9?
2. Use what you know about square roots to estimate the $\sqrt{87}$

4. What is the area of this square?



5. What is the side length of this square?

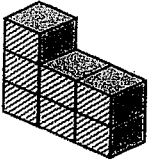


6. List all the factors of 100. Use your divisibility rules to help you.

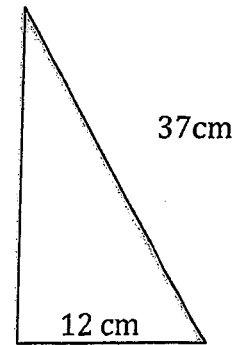
7. If the prime factorization of a number is $3^3 \times 4^2 \times 6$, what is the original number?

8. $\sqrt{7225} =$ _____ $8^2 =$ _____ $7^3 =$ _____

9. What is the surface area of this shape? Show all your steps



10. Use Pythagoras formula to find the missing side length. Show all the steps



Money

How many nickels in \$1.05? _____

How many dimes in \$2.90? _____

How many quarters in \$4.00? _____

How many .20 cents in \$1.20? _____

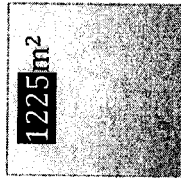
Write these decimals as fractions in lowest terms. First one is done for you

Decimal	Fraction	Fraction in Lowest Terms
0.75	$\frac{75}{100}$	$\frac{3}{4}$
0.80		
4.25		
0.60		
0.33		
5.08		
0.15		

Square Numbers

1. What number has a square root of 18? _____

2. What are the side lengths of this square? _____



What is the perimeter of this square? _____

Square Numbers

Find the value

$6^2 =$ _____

$\sqrt{9216} =$ _____

$23^2 =$ _____

$9^2 =$ _____

$4^3 =$ _____

Product of Primes

Use factor trees to write these numbers as product of primes

$600 =$ _____

Is this number a perfect square? _____

Explain your answer _____

$5184 =$ _____

Is this number a perfect square? _____ Explain your answer.

Numbers	Find the product	Find the sum	Find the difference
6,18			
19,10			
3,11			

Fill in the chart

%	Fraction	Decimal
12%		
	$\frac{1}{4}$	
325%		0.50
	$4\frac{1}{2}$	
		7.2
50%	$\frac{11}{14}$	
		1.25
	$\frac{1}{5}$	
	$\frac{1}{20}$	