1. Find the area and perimeter







2. Find the area and perimeter



#### Math Test 5

3. A trapezoid has one side 18 in, the opposite is 22 in, and a perimeter of 100 in. What is the size of the other two equal sides?

4. 
$$12 \times (32+22) - 8 =$$
 6.  $4^2 + (6\times 8) + 1063 =$  7.  $14^2 - (64 : 4) + 40 =$ 

#### 5. Do factor fireworks. Write math sentences using prime factors

a) 116 \_\_\_\_\_

b) 64 \_\_\_\_\_

### 6.

- a) What is the made of this data set?
- b) What's the median number of laps run?
- c) What is the average number of laps that week?
- d) How many laps were run over the five days?

Laps	
Run	
67	
54	
80	
60	
60	

8.	a)	Round	to th	e nea	rest t	en tho	ousand:
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35,522,472 \_\_\_\_\_

- b) Round to the nearest hundred thousand
- 1,567,298,624 \_\_\_\_\_
  - c) Round to the nearest thousand

56,758,351,129 \_\_\_\_\_

d)	Round to the nearest tenth
	144.111
	4,434.001
	8.903

9. Peter ate 10 hot dogs each day. John ate 56 hot dogs each week. How many hot dogs did they eat together after 5 weeks?

10. John had 25 quarters. If he purchased a cheeseburger for \$1.39 and a milk shake for \$0.29, how much money did he have left?

11. Write all the factors of

a) 20 - \_\_\_\_\_

b) 32 -\_\_\_\_\_

c) 99 -\_\_\_\_

Math Test 5 12.

1,608,138	307,205,476	6,291	406,410,050
- 5,897	- 56,789,986	+ 1,427	+ 23,461

13. a) y= 3x + 105 x= 7 y=

b)  $y=3x^2+48$  x=24 y=

c) y= (230 -78)x : 2 x= 12 y=

d) 4x + 2 (32:8) =y x=5 y=

14. If Andrea sells 145 GS cookies at \$2.19 and gets donation from 25 people with \$4.39 from each one, what will be the total amount of money she received?

15. Multiply

a) 13 x 3,4089 = b) 18,8200 x 22 =

c) 59 x 74 = d) (

d) 6403 x 33 =

c) 7 x 20092 =

Math Test 5 16. <u>Estimate</u> , then multiply <u>e.g. 39 x 58 rounds to 40x60=2400 and 39x58= 2262</u>				
a) 128 x 38 =				
b) 59 x 792 =				
17. Multiply				
a) 330,000 x 800 =	b) 100,000 x 210 =	c) 12,300,000 x 800 =		
d) \$3.62 x 8 =	e) \$11.00 x 0.3	f) \$28.98 x 100 =		

# 18. Convert decimals to fractions and vice versa:

a)	.8 =	b) .23 =	c) .9 =	d) 8.8 =
e)	1/7 =	f) 5/8 =	g) 29/100 =	h) 11/10000 =

## 19. Expand Form

a) 65228=

b) 15,146,789=

c) 387.520 =