

PS 89 Dr Lydia T Wright School Of Excellence

MATH GRADE 7: MAE7G 1 MATH GRADE 7

## GRADE 7 MATH WORKOUT SET 2

Instructor: ALFRED KANYURU

Name: \_\_\_\_\_

Score:  / 100

Question 1

/1

A 5-pound bag of bread flour is on sale this week for \$2.05. What is the price per pound?

- \$0.32
- \$0.38
- \$0.41
- \$0.48

Question 2

/1

If an elf works 23 hours at Santa's workshop and gets paid \$166.75, how much does the elf make per hour?

- \$ 7.25
- \$ 7.50
- \$ 8.00
- \$ 7.00

Question 3

/1

Aaron ran 6 miles in 48 minutes, Dario ran 5 miles in 35 minutes, and Serge ran 7 miles in 56 minutes. Who ran the fastest per mile?

- Aaron
- Dario
- Serge

Name: \_\_\_\_\_

Question 4

/1

Gary used 8 gallons of gas to travel 176 miles. How many miles can Gary travel on 1 gallon of gas?

- 20
- 21
- 22
- 23

Question 5

/1

Phone company *A* sells 1200 minutes for \$132 per month and phone company *B* sells 2000 minutes for \$260 per month. Which company is cheaper and by how much per minute?

- Company A by 3 cents per minute
- Company B by 5 cents per minute
- Company A by 2 cents per minute
- Company B by 4 cents per minute

Name: \_\_\_\_\_

Question 6

/1

In 3 hours, a car traveled 180 kilometers. At the same average rate, how many kilometers can the car travel in 5 hours?

- 60
- 180
- 240
- 300

Question 7

/1

The results of Mary's last four swim practices are shown in the table below. During which practice session did Mary have the fastest lap time?

Day of Practice	Laps	Time (minutes)
Monday	35	87.5
Tuesday	54	108
Wednesday	39	65
Thursday	42	60

- Monday
- Tuesday
- Wednesday
- Thursday

Name: \_\_\_\_\_

Question 8

 /1

**What happens to the value of the expression  $20+a$ , as  $a$  increases?**

- It increases.
- It decreases.
- It stays the same.

Question 9

 /1

Simplify  $6y^2 + 3y^2$

- They are unlike terms, so cannot be simplified.
- $3y^2$
- $9y^4$
- $9y^2$

Question 10

 /1

Simplify:  $(5y - 6) - (4 - 7y)$

- $-2y - 10$
- $-2y - 2$
- $12y - 2$
- $12y - 10$

Name: \_\_\_\_\_

Question 11

 /1

Solve  $5x + 2 = -8$

$x = -2$

$x = -1.2$

$x = 1.2$

$x = 2$

Question 12

 /1

Which expression is equivalent to the expression  $-3(4x - 2) - 2x$ ?

$-8x$

$-16x$

$-14x - 2$

$-14x + 6$

Question 13

 /1

Which expression is equivalent to  $4 - (-7)$ ?

$7 + 4$

$4 - 7$

$-7 - 4$

$-4 + 7$