

PS 89 Dr Lydia T Wright School Of Excellence

MATH GRADE 7: MAE7G 3 MATH GRADE 7

## MAY WEEK 3 MATH 7 WORKOUT

Instructors: ALFRED KANYURU, LEEQUISHA VOLIOUS

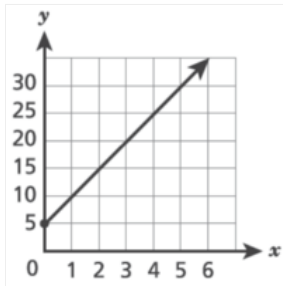
Name: \_\_\_\_\_

Score:  / 100

Question 1

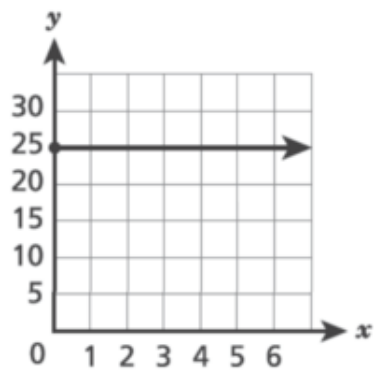
/ 1

Which representation shows a proportional relationship between  $x$  and  $y$ ?



| $x$ | $y$ |
|-----|-----|
| 2   | 3   |
| 4   | 6   |
| 8   | 12  |
| 12  | 18  |

| $x$ | $y$ |
|-----|-----|
| 2   | 8   |
| 4   | 16  |
| 8   | 24  |
| 12  | 32  |



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

Question 2

/1

Which statement describes the decimal equivalent of  $7/8$ ?

- It is a decimal with a repeating digit of 5.
- It is a decimal that terminates after 2 decimal places.
- It is a decimal with repeating digits of 75.
- It is a decimal that terminates after 3 decimal places.

Question 3

/1

Value of Pi =

- 31.9
- 3.19
- 3.14
- 31.4

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

Question 4

/1

At 3PM, the outside temperature was 4 degrees.

The temperature then fell steadily by 2 degrees every hour for the next 4 hours.

What was the temperature at 7PM?

8 degrees

-2 degrees

4 degrees

-4 degrees

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

Question 5

/1

Which expressions are equivalent to  $12x - 6$ ?

Choose all that apply.

$-6(2x - 1)$

$6x(2-1)$

$-6(-2x + 1)$

$6(2x-1)$

$-6x(2x-1)$

Question 6

/1

Jude buys a book on sale at 30% off its original price, B.

Which expression represent the sales price of the book?

$(1-0.30)B$

$1- 0.30B$

$1- 0.70B$

$(1- 0.70)B$

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

Question 7

/1

A submarine is at a depth of 400 meters below seal level.

The submarine then rises by 185 meters.

What is the depth of the submarine now?

- 215 meters above sea level
- 585 meters below sea level
- 215 meters below sea level
- 585 meters above sea level

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

Question 8

/1

Jerry is mowing his lawn. It takes him  $\frac{1}{6}$  of an hour to mow  $\frac{3}{20}$  of his yard.

How much time will it take him to mow the entire yard?

$\frac{19}{60}$  hour

$\frac{9}{10}$  hour

$\frac{10}{3}$  hour

$\frac{10}{9}$  hour

Question 9

/1

Which expression is equivalent to  $0.6x$ ?

$1 - 0.4x$

$x + 0.6$

$x - 0.4x$

$0.6x - x$



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

Question 10

/1

**Which phrase is a description of  $2m + 7$ ?**

- 7 more than 2 times m
- 2 times the sum of 7 and m
- 2 more than 7 times m
- 7 times the sum of 2 and m