

PS 89 Dr Lydia T Wright School Of Excellence

MATH GRADE 7: MAE7G 1 MATH GRADE 7

GRADE 7 MATH WORKOUT SET 7

Instructor: ALFRED KANYURU

Name: _____

Score: / 100

Question 1

/1

Michael paid a total of \$48 for 4 pizzas. He used a coupon for \$4 off the entire order. The equation below can be used to determine the regular price of 1 pizza, p .

$$4p - 4 = 48$$

What is the regular price of 1 pizza?

- 11
- 12
- 13
- 16

Question 2

/1

Nadia will survey 50 students in her town to find out what their favorite summertime activity is.

Which group would likely give the best representation for her survey?

- A. 50 students at a library
- B. 50 students in her school
- C. 50 students at a shopping mall
- D. 50 students taking swimming lessons

Name: _____

Question 3

/1

What is 35% of 80?

- 28
- 45
- 115
- 2,800

Question 4

/1

Mikel walks down 5 flights of stairs. Each flight has 8 steps. Which describes Mikel's descent?

- $-5+8=3$
- $(-5) + (-8) = -13$
- $-5(-8) = 40$
- $(-5)(8) = -40$

Name: _____

Question 5

/1

The temperature is 8° F. As a cold front moves in, the temperature drops 6° F per hour. What is the temperature at the end of 3 hours?

- -26° F
- -10° F
- 5° F
- 26° F

Question 6

/1

$$200 = 10n$$

- $21 = n$
- $210 = n$
- $190 = n$
- $20 = n$

Name: _____

Question 7

/1

The temperature on the ground during a plane's takeoff was -7°F . At 38,000 feet in the air, the temperature outside the plane was

-29°F . Find the difference between these two temperatures.

-36°F

36°F

-22°F

22°F

Question 8

/1

Solve the following.

$$2.02w = -3.636$$

-5.656

1.8

-18

-1.8

Name: _____

Question 9

/1

Nina is participating in a fun run to raise money for the West Side Children's Hospital. The run is held at Nina's high school track. The more laps Nina runs around the track, the more money she raises for the hospital.

There is a proportional relationship between the number of laps Nina runs,

x

,

and the amount of money she raises for the hospital (in dollars),

y

.

x	y
(laps)	(dollars)

1 \$5

2 \$10

3 \$15

4 \$20

What is the constant of proportionality? Write your answer as a whole number or decimal.
dollars per lap
