



**PMA Mathematics
Reviewer
Practice Questions**

*Set 1:
Arithmetic and Number
Sense*

Directions: Choose the letter that corresponds to the correct answer to each question below.

1) What is the simplest form of $(3 + -5)^2 - (-2) \times 3$?

- (a) -2
- (b) 8
- (c) 10
- (d) 12

2) What is half of $4/3$?

- (a) $1/3$
- (b) $2/3$
- (c) $3/4$
- (d) $1/4$

3) The cost of 8 kg of tomatoes is PHP 82.00. How much is $2 \frac{1}{2}$ kg of tomatoes?

- (a) PHP 28.525
- (b) PHP 25.625
- (c) PHP 24.745
- (d) PHP 22.155

4) What is $1/5$ of the sum of $2/3$ and $1/4$?

- (a) $1/5$
- (b) $12/45$
- (c) $11/60$
- (d) $17/72$

5) $(-\frac{3}{2})^2 \div (\frac{1}{4} - \frac{2}{4})$

- (a) -4
- (b) -5
- (c) -6
- (d) -9



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To God be the glory!



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6) A candy bar costs PHP 14.50. If Samantha bought 3 candy bars and paid the cashier PHP 100.00. How much change will Samantha receive?

- (a) PHP 56.50
- (b) PHP 48.50
- (c) PHP 32.50
- (d) PHP 28.50

7) *Kaagapay* Foundation is giving relief packs to families in a small town that is devastated by a strong typhoon. For every three families, *Kaagapay* gives fourteen relief packs. How many packs will 27 families receive?

- (a) 115
- (b) 126
- (c) 132
- (d) 148

8) A rope was divided into two parts with lengths in a ratio of 1 : 3. If the original rope is 24 meters long. How long are the parts obtained from dividing the rope?

- (a) 6 meters, 18 meters
- (b) 12 meters, 12 meters
- (c) 8 meters, 16 meters
- (d) 3 meters, 21 meters

9) There are 25 participants in a science conference. 72% of the participants are physicists. How many participants of the science conference are physicists?

- a) 15
- b) 16
- c) 17
- d) 18

10) What is the value of $(-45 \times -23) \div (19 - 24)$?

- a) -207
- b) -195
- c) 207
- d) 195



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