

# Solutions to Full Length GMAT 2

## Quantitative Section

37 Questions

75 Minutes

### Directions for questions 1–6

The questions below are followed by five answer choices. Choose the best answer.

#### Level 1

1. 1.5 times the product of 10 and 20 is:

- (A) 10                      (B) 20                      (C) 150                      (D) 300                      (E) 450

**Explanatory answer:**

The expression becomes  $1.5 \times 10 \times 20 = 300$ . Hence, (D) is the answer.

#### Level 2

2. If  $x > 4$  and  $y > -2$  then

- (A)  $xy > -8$               (B)  $x < 2y$               (C)  $x - y > 6$               (D)  $x + y > 2$               (E)  $-x > 2y$

**Explanatory answer:**

Since  $x > 4$  and  $y > -2$ , just by adding these two inequalities, we get,  $x + y > 2$

Choice (A) is false if  $x = 9$  and  $y = -1$

For Choice (E),  $x > 4 \Rightarrow -x < -4$

$y > -2 \Rightarrow 2y > -4$

Therefore,  $-x > 2y$  is false.

Thus, the correct answer is (D).

#### Level 2

3. What is the value of  $x$  if  $3\frac{6}{8} : 6\frac{1}{4} = x : 45$ ?

- (A) 54                      (B) 27                      (C) 30                      (D) 15                      (E) 25