

Q9:

$$a) 7 + (9 - 4) \times 4 - (9 + 5) \div 7$$

$$7 + 5 \times 4 - (9 + 5) \div 7$$

$$7 + 5 \times 4 - 14 \div 7$$

$$7 + 20 - 14 \div 7$$

$$7 + 20 - 2$$

$$27 - 2 = 25$$

b)

$$-5 - (4 - 5) - 3 \times 2 + -4$$

$$-5 - 1 - 3 \times 2 + -4$$

$$-5 + 1 - 3 \times 2 + -4$$

$$-5 - 1 - 6 + -4$$

$$-6 - 6 + -4$$

$$-12 + -4 = -16$$

$$c. (10 - 4 \times 2) - (2 \times 2 + 3) \times (10 - 2 \times 4)$$

$$2 - (2 \times 2 + 3) \times (10 - 2 \times 4)$$

$$2 - 7 \times (10 - 2 \times 4)$$

$$2 - 7 \times 2$$

$$2 - 14 = -12$$

$$d. 29 - ((3 + 9) \div 2) \times 4$$

$$29 - (12 \div 2) \times 4 = 29 - 6 \times 4$$

$$29 - 24 = 5$$

e.

$$3 + 8 \times ((15 - (10 - 3)))$$

$$3 + 8 \times (15 - 7)$$

$$3 + 8 \times 8$$

$$3 + 64 = 67$$