

EduSahara™ Learning Center Assignment**Grade : Class VI, SSC****Chapter : Whole Numbers****Name : Properties****Licensed To : Teachers and Students for non-commercial use**

1. Which of the following are true?

a) $16 - 18 = 18 - 16$

b) $18 \div 17 = 17 \div 18$

c) $17 \times 4 = 4 \times 17$

d) $4 + 16 = 16 + 4$

(i) {b,d} (ii) {c,d} (iii) {a,c} (iv) {a,b,c} (v) {a,d,c}

2. Which of the following are true?

a) $14 - (7 - 10) = (14 - 7) - 10$

b) $10 \times (15 \times 14) = (10 \times 15) \times 14$

c) $7 \div (10 \div 15) = (7 \div 10) \div 15$

d) $15 + (14 + 7) = (15 + 14) + 7$

(i) {b,d} (ii) {a,b} (iii) {a,d,b} (iv) {c,d} (v) {a,c,b}

3. Which of the following are true?

a) $13 \times (11 - 17) = (13 \times 11) - (13 \times 17)$

b) $17 \div (4 + 13) = (17 \div 4) + (17 \div 13)$

c) $4 \times (13 + 11) = (4 \times 13) + (4 \times 11)$

d) $11 - (17 \times 4) = (11 - 17) \times (11 - 4)$

(i) {d,c} (ii) {b,c,a} (iii) {b,d,a} (iv) {b,a} (v) {a,c}

4. Which of the following are true?

a) $6 - 17 = 17 - 6$

b) $10 + 6 = 6 + 10$

c) $12 \times 10 = 10 \times 12$

d) $17 \div 12 = 12 \div 17$

(i) {a,d,b} (ii) {b,c} (iii) {a,b} (iv) {a,c,b} (v) {d,c}

5. Which of the following are true?

a) $16 + (18 + 5) = (16 + 18) + 5$

b) $18 - (5 - 2) = (18 - 5) - 2$

$$c) 5 \div (2 \div 16) = (5 \div 2) \div 16$$

$$d) 2 \times (16 \times 18) = (2 \times 16) \times 18$$

(i) {b,c,a} (ii) {a,d} (iii) {c,d} (iv) {b,a} (v) {b,d,a}

6. Which of the following are true?

$$a) 14 \times (4 + 11) = (14 \times 4) + (14 \times 11)$$

$$b) 11 - (5 \times 14) = (11 - 5) \times (11 - 14)$$

$$c) 5 \div (14 + 4) = (5 \div 14) + (5 \div 4)$$

$$d) 4 \times (11 - 5) = (4 \times 11) - (4 \times 5)$$

(i) {b,d,a} (ii) {a,d} (iii) {b,c,a} (iv) {b,a} (v) {c,d}

7. Which of the following are true?

$$a) 8 \times 2 = 2 \times 8$$

$$b) 17 \div 8 = 8 \div 17$$

$$c) 2 + 16 = 16 + 2$$

$$d) 16 - 17 = 17 - 16$$

(i) {b,c,a} (ii) {a,c} (iii) {d,c} (iv) {b,a} (v) {b,d,a}

8. Which of the following are true?

$$a) 10 \div (16 \div 11) = (10 \div 16) \div 11$$

$$b) 19 - (10 - 16) = (19 - 10) - 16$$

$$c) 16 \times (11 \times 19) = (16 \times 11) \times 19$$

$$d) 11 + (19 + 10) = (11 + 19) + 10$$

(i) {a,b,c} (ii) {a,d,c} (iii) {b,d} (iv) {a,c} (v) {c,d}

9. Which of the following are true?

$$a) 9 \times (7 + 5) = (9 \times 7) + (9 \times 5)$$

$$b) 2 \div (9 + 7) = (2 \div 9) + (2 \div 7)$$

$$c) 7 \times (5 - 2) = (7 \times 5) - (7 \times 2)$$

$$d) 5 - (2 \times 9) = (5 - 2) \times (5 - 9)$$

(i) {a,c} (ii) {b,a} (iii) {b,c,a} (iv) {d,c} (v) {b,d,a}

Assignment Key

- 1) (ii)
- 2) (i)
- 3) (v)
- 4) (ii)
- 5) (ii)
- 6) (ii)
- 7) (ii)
- 8) (v)
- 9) (i)