

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

1. Which of the following are true?

- a) $7 - 10 = 10 - 7$
 - b) $9 + 7 = 7 + 9$
 - c) $15 \times 9 = 9 \times 15$
 - d) $10 \div 15 = 15 \div 10$
- (i) {b,c} (ii) {a,c,b} (iii) {a,d,b} (iv) {a,b} (v) {d,c}
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2. Which of the following are true?

- a) $13 \div (10 \div 2) = (13 \div 10) \div 2$
 - b) $8 - (13 - 10) = (8 - 13) - 10$
 - c) $2 + (8 + 13) = (2 + 8) + 13$
 - d) $10 \times (2 \times 8) = (10 \times 2) \times 8$
- (i) {a,d,c} (ii) {b,d} (iii) {c,d} (iv) {a,c} (v) {a,b,c}
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3. Which of the following are true?

- a) $16 - (12 \times 15) = (16 - 12) \times (16 - 15)$
 - b) $10 \times (16 - 12) = (10 \times 16) - (10 \times 12)$
 - c) $15 \times (10 + 16) = (15 \times 10) + (15 \times 16)$
 - d) $12 \div (15 + 10) = (12 \div 15) + (12 \div 10)$
- (i) {d,c} (ii) {a,d,b} (iii) {b,c} (iv) {a,c,b} (v) {a,b}
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4. Which of the following are true?

- a) $13 \div 11 = 11 \div 13$
 - b) $11 \times 15 = 15 \times 11$
 - c) $15 + 16 = 16 + 15$
 - d) $16 - 13 = 13 - 16$
- (i) {d,c} (ii) {a,c,b} (iii) {a,d,b} (iv) {b,c} (v) {a,b}
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5. Which of the following are true?

- a) $10 + (6 + 3) = (10 + 6) + 3$
- b) $6 - (3 - 5) = (6 - 3) - 5$

c) $5 \times (10 \times 6) = (5 \times 10) \times 6$

d) $3 \div (5 \div 10) = (3 \div 5) \div 10$

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

6. Which of the following are true?

a) $3 - (2 \times 8) = (3 - 2) \times (3 - 8)$

b) $2 \div (8 + 10) = (2 \div 8) + (2 \div 10)$

c) $10 \times (3 - 2) = (10 \times 3) - (10 \times 2)$

d) $8 \times (10 + 3) = (8 \times 10) + (8 \times 3)$

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

7. Which of the following are true?

a) $7 \div 11 = 11 \div 7$

b) $11 \times 14 = 14 \times 11$

c) $14 + 16 = 16 + 14$

d) $16 - 7 = 7 - 16$

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

8. Which of the following are true?

a) $10 \times (11 \times 14) = (10 \times 11) \times 14$

b) $15 \div (10 \div 11) = (15 \div 10) \div 11$

c) $14 - (15 - 10) = (14 - 15) - 10$

d) $11 + (14 + 15) = (11 + 14) + 15$

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

9. Which of the following are true?

a) $2 \times (14 - 6) = (2 \times 14) - (2 \times 6)$

b) $6 \div (18 + 2) = (6 \div 18) + (6 \div 2)$

c) $14 - (6 \times 18) = (14 - 6) \times (14 - 18)$

d) $18 \times (2 + 14) = (18 \times 2) + (18 \times 14)$

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

10. Which of the following are true?

a) $12 \times 7 = 7 \times 12$

b) $7 + 2 = 2 + 7$

c) $3 \div 12 = 12 \div 3$

d) $2 - 3 = 3 - 2$

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

11. Which of the following are true?

- a) $15 - (17 - 2) = (15 - 17) - 2$
- b) $2 \times (10 \times 15) = (2 \times 10) \times 15$
- c) $10 + (15 + 17) = (10 + 15) + 17$
- d) $17 \div (2 \div 10) = (17 \div 2) \div 10$

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

12. Which of the following are true?

- a) $7 - (17 \times 3) = (7 - 17) \times (7 - 3)$
- b) $18 \times (7 - 17) = (18 \times 7) - (18 \times 17)$
- c) $17 \div (3 + 18) = (17 \div 3) + (17 \div 18)$
- d) $3 \times (18 + 7) = (3 \times 18) + (3 \times 7)$

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

13. Which of the following are true?

- a) $11 \times 14 = 14 \times 11$
- b) $16 - 5 = 5 - 16$
- c) $14 + 16 = 16 + 14$
- d) $5 \div 11 = 11 \div 5$

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

14. Which of the following are true?

- a) $19 - (13 - 8) = (19 - 13) - 8$
- b) $13 \div (8 \div 4) = (13 \div 8) \div 4$
- c) $8 \times (4 \times 19) = (8 \times 4) \times 19$
- d) $4 + (19 + 13) = (4 + 19) + 13$

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

15. Which of the following are true?

- a) $6 - (5 \times 12) = (6 - 5) \times (6 - 12)$
- b) $9 \times (6 - 5) = (9 \times 6) - (9 \times 5)$
- c) $12 \times (9 + 6) = (12 \times 9) + (12 \times 6)$
- d) $5 \div (12 + 9) = (5 \div 12) + (5 \div 9)$

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

Assignment Key

- 1) (i)
- 2) (iii)
- 3) (iii)
- 4) (iv)
- 5) (i)
- 6) (v)
- 7) (iii)
- 8) (i)
- 9) (i)
- 10) (i)
- 11) (iv)
- 12) (i)
- 13) (v)
- 14) (ii)
- 15) (iv)