EduSahara™ Assignment

Name : Decimal Number Properties

Chapter : Fractions and Decimals

Grade : CBSE Grade VII

1. Which of the following is true?

   a) $9.7800 \times 13.9200 = 13.9200 \times 9.7800$
   b) $13.9200 + 5.9900 = 5.9900 + 13.9200$
   c) $5.9900 - 12.0400 = 12.0400 - 5.9900$
   d) $12.0400 \div 9.7800 = 9.7800 \div 12.0400$

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

2. Which of the following is true?

   a) $17.5300 \div (19.2500 \div 12.3800) = (17.5300 \div 19.2500) \div 12.3800$
   b) $14.8100 - (17.5300 - 19.2500) = (14.8100 - 17.5300) - 19.2500$
   c) $19.2500 \times (12.3800 \times 14.8100) = (19.2500 \times 12.3800) \times 14.8100$
   d) $12.3800 + (14.8100 + 17.5300) = (12.3800 + 14.8100) + 17.5300$

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

3. Which of the following is true?

   a) $11.9400 - (6.8700 \times 13.6700) = (11.9400 - 6.8700) \times (11.9400 - 13.6700)$
   b) $13.6700 \times (17.3100 + 11.9400) = (13.6700 \times 17.3100) + (13.6700 \times 11.9400)$
   c) $6.8700 \div (13.6700 + 17.3100) = (6.8700 \div 13.6700) + (6.8700 \div 17.3100)$
   d) $17.3100 \times (11.9400 - 6.8700) = (17.3100 \times 11.9400) - (17.3100 \times 6.8700)$

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

4. Which of the following is true?

   a) $2.6100 - 15.1500 = 15.1500 - 2.6100$
   b) $2.4400 + 2.6100 = 2.6100 + 2.4400$
   c) $10.5300 \times 2.4400 = 2.4400 \times 10.5300$
   d) $15.1500 \div 10.5300 = 10.5300 \div 15.1500$

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

5. Which of the following is true?

   a) $18.5500 - (5.0000 - 20.1000) = (18.5500 - 5.0000) - 20.1000$
   b) $5.0000 \div (20.1000 \div 11.6700) = (5.0000 \div 20.1000) \div 11.6700$
   c) $11.6700 + (18.5500 + 5.0000) = (11.6700 + 18.5500) + 5.0000$
   d) $20.1000 \times (11.6700 \times 18.5500) = (20.1000 \times 11.6700) \times 18.5500$

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

6. Which of the following is true?

a) $6.8000 \div (12.4200 + 8.4800) = (6.8000 \div 12.4200) + (6.8000 \div 8.4800)$
b) $8.4800 \times (8.8600 - 6.8000) = (8.4800 \times 8.8600) - (8.4800 \times 6.8000)$
c) $8.8600 - (6.8000 \times 12.4200) = (8.8600 - 6.8000) \times (8.8600 - 12.4200)$
d) $12.4200 \times (8.4800 + 8.8600) = (12.4200 \times 8.4800) + (12.4200 \times 8.8600)$

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

7. Which of the following is true?

a) $7.9800 \times 18.2400 = 18.2400 \times 7.9800$
b) $13.8200 - 9.2400 = 9.2400 - 13.8200$
c) $9.2400 \div 7.9800 = 7.9800 \div 9.2400$
d) $18.2400 + 13.8200 = 13.8200 + 18.2400$

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

8. Which of the following is true?

a) $5.1300 \div (3.6100 \div 13.9500) = (5.1300 \div 3.6100) \div 13.9500$
b) $14.5400 - (5.1300 - 3.6100) = (14.5400 - 5.1300) - 3.6100$
c) $13.9500 + (14.5400 + 5.1300) = (13.9500 + 14.5400) + 5.1300$
d) $3.6100 \times (13.9500 \times 14.5400) = (3.6100 \times 13.9500) \times 14.5400$

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

9. Which of the following is true?

a) $10.7800 \times (11.0400 - 18.0800) = (10.7800 \times 11.0400) - (10.7800 \times 18.0800)$
b) $11.0400 - (18.0800 \times 9.6900) = (11.0400 - 18.0800) \times (11.0400 - 9.6900)$
c) $18.0800 \div (9.6900 + 10.7800) = (18.0800 \div 9.6900) + (18.0800 \div 10.7800)$
d) $9.6900 \times (10.7800 + 11.0400) = (9.6900 \times 10.7800) + (9.6900 \times 11.0400)$

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

Assignment Key

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