EduSahara™ Assignment

Name : Decimal Number Properties

Chapter : Fractions and Decimals

Grade : CBSE Grade VII

1. Which of the following is true?

   a) $13.9400+16.4700=16.4700+13.9400$
   b) $14.1400\div7.1300=7.1300\div14.1400$
   c) $16.4700-14.1400=14.1400-16.4700$
   d) $7.1300\times13.9400=13.9400\times7.1300$

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

2. Which of the following is true?

   a) $19.8300\div(4.1000\div13.1800)=(19.8300\div4.1000)\div13.1800$
   b) $7.4500-(19.8300-4.1000)=(7.4500-19.8300)-4.1000$
   c) $4.1000\times(13.1800\times7.4500)=(4.1000\times13.1800)\times7.4500$
   d) $13.1800+(7.4500+19.8300)=(13.1800+7.4500)+19.8300$

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

3. Which of the following is true?

   a) $17.6200\times(15.1900+2.7200)=(17.6200\times15.1900)+(17.6200\times2.7200)$
   b) $3.6700\div(17.6200+15.1900)=(3.6700\div17.6200)+(3.6700\div15.1900)$
   c) $15.1900\times(2.7200-3.6700)=(15.1900\times2.7200)-(15.1900\times3.6700)$
   d) $2.7200-(3.6700\times17.6200)=(2.7200-3.6700)\times(2.7200-17.6200)$

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

4. Which of the following is true?

   a) $20.5600\times13.3300=13.3300\times20.5600$
   b) $13.3300+14.4400=14.4400+13.3300$
   c) $9.7200\div20.5600=20.5600\div9.7200$
   d) $14.4400-9.7200=9.7200-14.4400$

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

5. Which of the following is true?

   a) $9.8300+(6.5200+19.5900)=(9.8300+6.5200)+19.5900$
   b) $19.5900\div(18.9100\div9.8300)=(19.5900\div18.9100)\div9.8300$
   c) $6.5200-(19.5900-18.9100)=(6.5200-19.5900)-18.9100$
   d) $18.9100\times(9.8300\times6.5200)=(18.9100\times9.8300)\times6.5200$

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

6. Which of the following is true?

a) $11.4600\times(4.8800-16.2100)=(11.4600\times4.8800)-(11.4600\times16.2100)$
b) $4.8800-(16.2100\times16.2500)=(4.8800-16.2100)\times(4.8800-16.2500)$
c) $16.2100\div(16.2500+11.4600)=(16.2100\div16.2500)+(16.2100\div11.4600)$
d) $16.2500\times(11.4600+4.8800)=(16.2500\times11.4600)+(16.2500\times4.8800)$

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

7. Which of the following is true?

a) $11.1900+18.3300=18.3300+11.1900$
b) $9.5800\div7.3700=7.3700\div9.5800$
c) $18.3300-9.5800=9.5800-18.3300$
d) $7.3700\times11.1900=11.1900\times7.3700$

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

8. Which of the following is true?

a) $19.0600-(14.2000-9.1400)=(19.0600-14.2000)-9.1400$
b) $17.5100+(19.0600+14.2000)=(17.5100+19.0600)+14.2000$
c) $9.1400\times(17.5100\times19.0600)=(9.1400\times17.5100)\times19.0600$
d) $14.2000\div(9.1400\div17.5100)=(14.2000\div9.1400)\div17.5100$

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

9. Which of the following is true?

a) $19.0600-(3.6100\times18.9000)=(19.0600-3.6100)\times(19.0600-18.9000)$
b) $6.8900\times(19.0600-3.6100)=(6.8900\times19.0600)-(6.8900\times3.6100)$
c) $3.6100\div(18.9000+6.8900)=(3.6100\div18.9000)+(3.6100\div6.8900)$
d) $18.9000\times(6.8900+19.0600)=(18.9000\times6.8900)+(18.9000\times19.0600)$

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

Assignment Key

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