

EduSahara™ Learning Center Assignment

Grade : Class VII, CBSE
Chapter : Fractions and Decimals
Name : Decimal Number Properties
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1. Which of the following is true?

- a) $16.7500 + 16.5100 = 16.5100 + 16.7500$
 - b) $17.4000 \div 2.7300 = 2.7300 \div 17.4000$
 - c) $2.7300 \times 16.7500 = 16.7500 \times 2.7300$
 - d) $16.5100 - 17.4000 = 17.4000 - 16.5100$
- (i) {a,c} (ii) {d,c} (iii) {b,a} (iv) {b,c,a} (v) {b,d,a}
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2. Which of the following is true?

- a) $18.7100 \div (8.3900 \div 13.3100) = (18.7100 \div 8.3900) \div 13.3100$
 - b) $4.8700 - (18.7100 - 8.3900) = (4.8700 - 18.7100) - 8.3900$
 - c) $8.3900 \times (13.3100 \times 4.8700) = (8.3900 \times 13.3100) \times 4.8700$
 - d) $13.3100 + (4.8700 + 18.7100) = (13.3100 + 4.8700) + 18.7100$
- (i) {a,c} (ii) {a,b,c} (iii) {b,d} (iv) {a,d,c} (v) {c,d}
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3. Which of the following is true?

- a) $17.3500 \times (15.0000 + 4.9300) = (17.3500 \times 15.0000) + (17.3500 \times 4.9300)$
 - b) $15.0000 \times (4.9300 - 12.7600) = (15.0000 \times 4.9300) - (15.0000 \times 12.7600)$
 - c) $12.7600 \div (17.3500 + 15.0000) = (12.7600 \div 17.3500) + (12.7600 \div 15.0000)$
 - d) $4.9300 - (12.7600 \times 17.3500) = (4.9300 - 12.7600) \times (4.9300 - 17.3500)$
- (i) {d,b} (ii) {a,b} (iii) {c,b,a} (iv) {c,a} (v) {c,d,a}
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4. Which of the following is true?

- a) $8.9400 \times 3.6400 = 3.6400 \times 8.9400$
 - b) $18.7900 - 18.3300 = 18.3300 - 18.7900$
 - c) $18.3300 \div 8.9400 = 8.9400 \div 18.3300$
 - d) $3.6400 + 18.7900 = 18.7900 + 3.6400$
- (i) {a,d} (ii) {c,d} (iii) {b,a} (iv) {b,c,a} (v) {b,d,a}
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5. Which of the following is true?

- a) $18.9200 \div (18.0200 \div 17.5600) = (18.9200 \div 18.0200) \div 17.5600$
b) $18.0200 \times (17.5600 \times 4.7000) = (18.0200 \times 17.5600) \times 4.7000$
c) $17.5600 + (4.7000 + 18.9200) = (17.5600 + 4.7000) + 18.9200$
d) $4.7000 - (18.9200 - 18.0200) = (4.7000 - 18.9200) - 18.0200$
(i) {d,c} (ii) {a,c,b} (iii) {a,d,b} (iv) {a,b} (v) {b,c}
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6. Which of the following is true?

- a) $15.7700 \div (7.3000 + 10.2300) = (15.7700 \div 7.3000) + (15.7700 \div 10.2300)$
b) $20.3500 - (15.7700 \times 7.3000) = (20.3500 - 15.7700) \times (20.3500 - 7.3000)$
c) $7.3000 \times (10.2300 + 20.3500) = (7.3000 \times 10.2300) + (7.3000 \times 20.3500)$
d) $10.2300 \times (20.3500 - 15.7700) = (10.2300 \times 20.3500) - (10.2300 \times 15.7700)$
(i) {a,b,c} (ii) {b,d} (iii) {a,c} (iv) {a,d,c} (v) {c,d}
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7. Which of the following is true?

- a) $20.1800 + 11.8300 = 11.8300 + 20.1800$
b) $11.8300 - 6.9000 = 6.9000 - 11.8300$
c) $6.9000 \div 20.4000 = 20.4000 \div 6.9000$
d) $20.4000 \times 20.1800 = 20.1800 \times 20.4000$
(i) {c,d} (ii) {b,a} (iii) {a,d} (iv) {b,c,a} (v) {b,d,a}
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8. Which of the following is true?

- a) $19.4200 + (6.0300 + 11.7500) = (19.4200 + 6.0300) + 11.7500$
b) $11.7500 \div (6.8700 \div 19.4200) = (11.7500 \div 6.8700) \div 19.4200$
c) $6.0300 - (11.7500 - 6.8700) = (6.0300 - 11.7500) - 6.8700$
d) $6.8700 \times (19.4200 \times 6.0300) = (6.8700 \times 19.4200) \times 6.0300$
(i) {c,d} (ii) {a,d} (iii) {b,a} (iv) {b,d,a} (v) {b,c,a}
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9. Which of the following is true?

- a) $3.3700 \times (10.1200 + 15.3100) = (3.3700 \times 10.1200) + (3.3700 \times 15.3100)$
b) $15.3100 - (7.2000 \times 3.3700) = (15.3100 - 7.2000) \times (15.3100 - 3.3700)$
c) $10.1200 \times (15.3100 - 7.2000) = (10.1200 \times 15.3100) - (10.1200 \times 7.2000)$
d) $7.2000 \div (3.3700 + 10.1200) = (7.2000 \div 3.3700) + (7.2000 \div 10.1200)$
(i) {d,c} (ii) {b,d,a} (iii) {b,c,a} (iv) {a,c} (v) {b,a}
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Assignment Key

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