



1. Which of the following are true?

- a) $17+7=7+17$
- b) $12\div 15=15\div 12$
- c) $15\times 17=17\times 15$
- d) $7-12=12-7$

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

2. Which of the following are true?

- a) $14\times(10\times 17)=(14\times 10)\times 17$
- b) $10+(17+4)=(10+17)+4$
- c) $17-(4-14)=(17-4)-14$
- d) $4\div(14\div 10)=(4\div 14)\div 10$

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

3. Which of the following are true?

- a) $3\times(14-11)=(3\times 14)-(3\times 11)$
- b) $11\div(2+3)=(11\div 2)+(11\div 3)$
- c) $14-(11\times 2)=(14-11)\times(14-2)$
- d) $2\times(3+14)=(2\times 3)+(2\times 14)$

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

4. Which of the following are true?

- a) whole numbers are closed under division
- b) whole numbers are closed under addition
- c) whole numbers are closed under multiplication
- d) whole numbers are closed under subtraction

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

5. Which of the following are true?

- a) integers are closed under division
- b) integers are closed under subtraction
- c) integers are closed under addition
- d) integers are closed under multiplication

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

Assignment Key

1) (i)

2) (iii)

3) (iv)

4) (v)

5) (i)

Copyright © Small Systems Computing Pvt. Ltd.