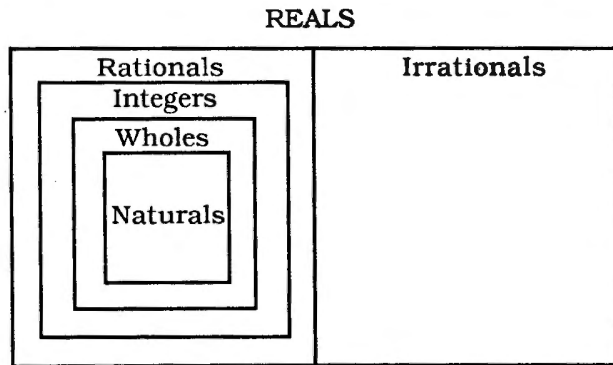


Lesson 1.0 Quiz

1.



2. Naturals, wholes, integers, rationals, reals
3. Wholes, integers, rationals, reals
4. Reals, naturals, wholes, integers, rationals
5. Integers, rationals, reals
6. Reals, irrationals
7. Infinite
8. Finite
9. Infinite
10. Infinite
11. Null set; finite
12. Finite
13. B is a subset of C
14. A and B are disjoint sets
13. A and C are disjoint sets

**Quizzes****Answers****Unit 1**

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Lessons 1.3-1.4 Quiz Form A

1. 20c
2. 96ad
3.  $15 + 18 + 21 = 54$
4.  $8x + 28$
5.  $260(92 + 8) = 26,000$

Lessons 1.3-1.4 Quiz Form B

1. 18d
2. 51bc
3.  $12 + 15 + 18 = 45$
4.  $15x + 30$
5.  $320(84 + 16) = 32,000$

Lesson 1.7 - Review of Unit 1 Quiz Form A

1.  $v = 120$
2.  $v = 549.5$
3. 1
4. 2
5.  $32c + 11$
6.  $63ab$
7.  $28y + 33$
8. 34
9.  $14x + 8$
10. 28

Lesson 1.7 - Review of Unit 1 Quiz Form B

1.  $v = 301.6$
2.  $v = 84$
3. 3
4. 7
5.  $23c + 15$
6.  $10bd$
7.  $33x + 18$
8. 41
9.  $15y + 20$
10.  $18 + 6 + 15 = 39$

Unit 1 Test Form B

1. Naturals are subsets of integers
2. Wholes are subsets of reals
3. 19
4. -25
5. 22
6. 4
7. 4
8. 164
9. 6.68
10. 4.0
11. 106
12. 168
13.  $168y$
14. 8100
15.  $4r + 5$
16.  $4k + 3x + 6$
17.  $25m + 18$
18.  $88a + 96$
19.  $6 \cdot x \cdot x \cdot x \cdot y \cdot y \cdot y \cdot y$
20.  $4(2x)^3$
21. 2
22. 768
23. 19
24.  $A = 113.04$
25.  $v = 791.68$

Lessons 2.3-2.4 Quiz Form A

1. -4
2. -9
3.  $2a - b = 2a - b$ , true
4. -85
5. -29
6. -295

Lessons 2.3-2.4 Quiz Form B

1. -1
2. -11
3.  $-x - 3y = -x - 3y$ , true
4. -41
5. -27
6. -299

Lessons 2.7-2.8 Quiz Form A

1. -16
2. -8
3. 3
4.  $2a + 12b + 6$ ; 22
5.  $12xy^2$ ; 144

Lessons 2.7-2.8 Quiz Form B

1. -8
  2. -9
  3. 3
  4.  $6x + 18y + 12$ ; 54
  5.  $18ab^2$ ; 54
-

**Tests****Answers****Unit 2**

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Unit 2 Test Form A

1.  $28=7$
2.  $-5$
3.  $-138$
4.  $-80$
5.  $-5$
6.  $-56$
7.  $-2$
8.  $17$
9.  $-3$
10.  $72$
11.  $-4$
12.  $2$
13.  $224$
14.  $-1$
15.  $14$
16.  $-52$
17.  $-106$
18.  $-4 + 3b$
19.  $-3f$
20.  $g - 8t - 3m + 8$
21.  $-c - 10$
22.  $2$
23.  $9$
24.  $47$
25.  $-6$

Lessons 3.1-3.2 Quiz Form A

1. None
2. 1
3.  $q = -10$
4. -931
5.  $q = \frac{1}{9}$

Lessons 3.1-3.2 Quiz Form B

1. None
2. 2
3.  $m = -12$
4.  $b = 622$
5.  $f = \frac{1}{7}$



Lessons 3.5-3.6 Quiz Form A

1.  $x = -\frac{5}{9}$

2.  $y = -3$

3.  $z = \frac{1}{4}$

4.  $2x + 5$

5.  $6 \cdot 4 - 3 - 4$

Lessons 3.5-3.6 Quiz Form B

1.  $\frac{4}{7} = x$

2.  $y = -\frac{7}{9}$

3.  $x = 2$

4.  $2x + 8$

5.  $5 \cdot 3 - 4 - 2$

Lesson 3.9 - Review of Unit 3 Quiz Form A

1.  $w = 9, l = 19$
2. First = 1, second = 3, third = 6
3.  $x = 4, \frac{1}{2}x + 5 = 7$
4.  $x = \frac{3}{2}$
5.  $x = \frac{4}{7}$
6.  $b = 11$
7.  $x = 173$
8.  $x = 3, 4x - 5 = 7, 7x - 11 = 10$

Lesson 3.9 - Review of Unit 3 Quiz Form B

1.  $x = 8, \frac{1}{2}x + 4 = 8$
2.  $x = 13, 2x - 5 = 21$
3.  $x = 4, \frac{1}{2}x = 2, 3x = 12$
4.  $x = \frac{7}{8}$
5.  $x = 4$
6.  $b = \frac{3}{4}$
7.  $x = 116$
8.  $x = 2, 3x - 3 = 3, 4x - 9 = -1$

**Tests****Answers****Unit 3**

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Unit 3 Test Form B

- |                      |       |
|----------------------|-------|
| 1. -7                | 22. 4 |
| 2. 3                 | 23. 3 |
| 3. 4                 | 24. 6 |
| 4. None              | 25. 4 |
| 5. 0                 |       |
| 6. 6                 |       |
| 7. -12               |       |
| 8. 39                |       |
| 9. -9                |       |
| 10. -51              |       |
| 11. -9               |       |
| 12. $\frac{4}{9}$    |       |
| 13. 6                |       |
| 14. -518             |       |
| 15. 9                |       |
| 16. $\frac{8}{7}$    |       |
| 17. $-\frac{13}{14}$ |       |
| 18. 4                |       |
| 19. -3               |       |
| 20. 20               |       |
| 21. 31               |       |



**Tests****Answers****Unit 3**

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Unit 3 Test Form A

- |     |                 |     |    |
|-----|-----------------|-----|----|
| 1.  | 3               | 22. | 54 |
| 2.  | 4               | 23. | 15 |
| 3.  | None            | 24. | 7  |
| 4.  | -2              | 25. | 19 |
| 5.  | 0               |     |    |
| 6.  | 4               |     |    |
| 7.  | -12             |     |    |
| 8.  | 47              |     |    |
| 9.  | -40             |     |    |
| 10. | -7              |     |    |
| 11. | -7              |     |    |
| 12. | $\frac{2}{9}$   |     |    |
| 13. | $\frac{1}{8}$   |     |    |
| 14. | -1713           |     |    |
| 15. | 9               |     |    |
| 16. | $-\frac{12}{5}$ |     |    |
| 17. | -3              |     |    |
| 18. | $\frac{1}{3}$   |     |    |
| 19. | 17              |     |    |
| 20. | 11              |     |    |
| 21. | 28              |     |    |

Lessons 3.7-3.8 Quiz Form A

1.  $2a - 3 = 9$ ,  $a = 6$
2.  $x + 5x = \$180,000$ ,  $x = \$30,000$
3.  $4y - 11 + 3 = 12$ ,  $y = 5$
4.  $3B + B = 240$ ,  $B = 60$ ,  $3B = 180$
5.  $3s + s + 4 = 32$ ,  $s = 7$ ,  $s + 4 = 11$

Lessons 3.7-3.8 Quiz Form B

1.  $3a - 8 = 46$ ,  $a = 18$
2.  $x + 4x = \$13,000$ ,  $x = \$2,600$
3.  $3d - 9 + 5 = 38$ ,  $d = 14$
4.  $f + 2f = 213$ ,  $f = 71$ ,  $2f = 142$
5.  $3s + s + 7 = 67$ ,  $s = 15$ ,  $s + 7 = 22$

Lessons 3.3-3.4 Quiz Form A

1.  $z = \frac{8}{7}$

2.  $\frac{-13}{14}$

3.  $y = \frac{1}{4}$

4.  $a = \frac{-4}{3}$

5.  $10 = x$

Lessons 3.3-3.4 Quiz Form B

1.  $d = 1$

2.  $x = \frac{5}{14}$

3.  $y = \frac{3}{4}$

4.  $a = 6$

5.  $c = -\frac{1}{7}$

Unit 2 Test Form B

- |                       |        |
|-----------------------|--------|
| 1. 15                 | 25. 11 |
| 2. 3                  |        |
| 3. -229               |        |
| 4. -100               |        |
| 5. -18                |        |
| 6. $-78 + 1c$         |        |
| 7. -4                 |        |
| 8. 19                 |        |
| 9. -5                 |        |
| 10. 54                |        |
| 11. 3                 |        |
| 12. 5                 |        |
| 13. 192               |        |
| 14. 3                 |        |
| 15. -4                |        |
| 16. -60               |        |
| 17. -73               |        |
| 18. $3b - 3$          |        |
| 19. $-3f - 5$         |        |
| 20. $g - 5t - 2m + 8$ |        |
| 21. $-5c - 9$         |        |
| 22. 3                 |        |
| 23. 4                 |        |
| 24. 33                |        |



Lessons 2.9-2.10 Quiz Form A

1. -37
2. -8
3.  $-25a - 39$
4.  $8r + 26$
5.  $a + b$

Lessons 2.9-2.10 Quiz Form B

1. -26
2. -15
3.  $-19c - 29$
4.  $2r + 36$
5.  $2b - 2a - 1$

**Quizzes****Answers****Unit 2**

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Lessons 2.5-2.6 Quiz Form A

1. -84
2. .3
3. 36
4. 40
5. 256

Lessons 2.5-2.6 Quiz Form B

1. -82
2. 1
3. -28
4. 108
5. 16

Lessons 2.1-2.2 Quiz Form A

1. 9
2. 28
3. 37
4. -13
5. -42
6. -4.22

Lessons 2.1-2.2 Quiz Form B

1. 8
2. 18
3. 52
4. -8
5. -4
6. -10.62

Unit 1 Test Form A

1. Naturals are subsets of rationals
2. Irrationals are subsets of reals
3. 17
4. 0
5. 10
6. 4
7. 3
8. 164
9. 7.94
10. 65
11. 218
12. 200
13.  $315y$
14. 8600
15.  $4r + 2$
16.  $3k + 4x + 9$
17.  $20m + 14$
18.  $78a + 120$
19.  $2 \cdot x \cdot x \cdot x \cdot y \cdot y$
20.  $3(2r)^3$
21. 2
22. 1200
23. 5
24.  $A = 200.96$
25.  $v + 1230.88$

**Quizzes****Answers****Unit 1**

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Lessons 1.5-1.6 Quiz Form A

1.  $46c + 15$
2.  $39y + 39$
3. 156
4. 768
5. 10

Lessons 1.5-1.6 Quiz Form B

1.  $24c + 13$
2.  $32x + 25$
3. 89
4. 162
5. 17

Lessons 1.1-1.2 Quiz Form A

1. 50
2. 18
3. 37
4. 26
5. 9
6. 7.29

Lessons 1.1-1.2 Quiz Form B

1. 44
2. 20
3. 26
4. 24
5.  $\frac{21}{4}$
6. 3.1