

Activity 66

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1. $a+7$ b^4 $c-2$
2. $c-6$ b^5 $c+11$
3. $b/8$ Both are equal. c^3
4. b^4 $c+7$ $c-5$
5. 30 9 11 5
32 21 29 19
34 41 47 33
36 69 65 47
6. 4, 10, 16

Activity 68

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1. 15 14 1
2. -1 $\frac{1}{10}$ 2
3. 4 17 $1\frac{1}{2}$
4. -5 -13 5
5. 47 4 28
6. 8 -8 4
7. 35 26 35
8. -2 -34 14

Evaluate (page 83)

1.	-2	2	-1/2
2.	10	-22	-2
3.	6	-6	1 1/2
4.	3	-3	3/4
5.	1	1	1
6.	5 2/3	4 1/3	5 1/6
7.	-5	0.5	1/8
8.	0	0	0
9.	8	8	8
10.	46	22	37

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Activity 67

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1. 6 14
2. 25 29
3. 15 75
4. 9 105
5. 63 84
6. 26 6
7. 10 97
8. -10 -7
9. $12f+n$

Activity 67

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1. 6 18 144
2. 10 36 4
3. 14 8 24
4. 3 9 $\frac{1}{3}$
5. 6 8 $\frac{2}{3}$
6. 11 7 1
7. 18 6 $1\frac{1}{3}$
8. 4 7 11
9. 6 12 18
10. 9 12 15

Evaluating Simple Expressions (page 102)

1. 1
2. -5
3. 10
4. $-7\frac{2}{3}$
5. -7
6. 8
7. 8
8. -29
9. 36
10. 40
11. 58
12. 35

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Undoing (page 85)

1. E
2. G
3. J
4. F
5. C
6. K
7. B
8. D
9. L
10. I
11. A
12. H

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Discovery (page 95)

1. True
2. True
3. False
4. False
5. True
6. True
7. False
8. False
9. True
10. True
11. False
12. False
13. True
14. True
15. False
16. False

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More to Undo (page 86)

1. add 2
2. divide by 3
3. multiply by 2
4. multiply by 2
5. subtract -2 or add 2
6. subtract
add
divide
multiply
7. multiply by 2, $a/2 \times 2 = 4 \times 2$, $a = 8$
8. divide by 3, $a \times 3 \div 3 = 12 \div 3$, $a = 4$
9. divide by 5, $a \times 5 \div 5 = 6 \div 5$, $a = 6/5$

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Equations and Solutions (page 84)

1. is a solution
2. is not a solution
3. is a solution
4. is not a solution
5. is a solution
6. is not a solution
7. is a solution
8. is not a solution
9. is not a solution
10. is a solution
11. is a solution
12. is not a solution
13. is not a solution
14. is not a solution
15. is not a solution

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