Name: _____ Date: _____

Lesson 2.6 Order of Operations

Find the value of each expression. Record each step.

1. $60 - 20 + 70 =$ _____

Step 1 _____

Step 2 _____

2. $200 \div 5 \times 7 =$ _____

Step 1 _____

Step 2 _____

3. $100 - 135 \div 3 + 27 =$ _____

Step 1 _____

Step 2 _____

Step 3 _____

4. $80 + 108 \div 9 \times 10 =$ _____

Step 1 _____

Step 2 _____

Step 3 _____

5. $42 \times 10 - 72 \div 8 =$ _____

Step 1 _____

Step 2 _____

Step 3 _____

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Name: _____ **Date:** _____

Find the value of each expression. Record each step.

6. $90 \times (38 - 18) \div 100 =$ _____

Step 1 _____

Step 2 _____

Step 3 _____

7. $(100 - 80 \div 2) - 15 \times 4 =$ _____

Step 1 _____

Step 2 _____

Step 3 _____

Step 4 _____

Find the value of each expression. State the order of operations.

	Expression	Order
8.	$34 \times 3 \div 6 =$	$\times$ $\div$
9.	$184 + 27 \times 3 =$	
10.	$100 - 68 + 37 \times 4 =$	
11.	$19 \times 4 + 84 \div 6 =$	
12.	$7 + 47 \times 8 \div 4 - 28 =$	
13.	$30 - (45 - 17) =$	
14.	$7 \times (14 + 26) \div 8 =$	
15.	$(73 + 27) - 136 \div 4 =$	

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Lesson 2.5

1. 4
2. 5 R 10
3. 3 R 1
4. 11 R 48
5. 8 R 14
6. 7 R 2
7. 21 R 15
8. 18 R 21
9. Estimated quotient = 80
   Actual quotient = 79
10. Estimated quotient = 60
    Actual quotient = 65
11. Estimated quotient = 100
    Actual quotient = 106
12. Estimated quotient = 80
    Actual quotient = 82
13. Estimated quotient = 100
    Actual quotient = 99
14. Estimated quotient = 40
    Actual quotient = 38
15. Estimated quotient = 30
    Actual quotient = 26
16. Estimated quotient = 20
    Actual quotient = 19

Lesson 2.6

1. 110
   Step 1 $60 - 20 = 40$
   Step 2 $40 + 70 = 110$
2. 280
   Step 1 $200 \div 5 = 40$
   Step 2 $40 \times 7 = 280$
3. 82
   Step 1 $135 \div 3 = 45$
   Step 2 $100 - 45 = 55$
   Step 3 $55 + 27 = 82$
4. 200
   Step 1 $108 \div 9 = 12$
   Step 2 $12 \times 10 = 120$
   Step 3 $80 + 120 = 200$
5. 411
   Step 1 $42 \times 10 = 420$
   Step 2 $72 \div 8 = 9$
   Step 3 $420 - 9 = 411$
6. 18
   Step 1 $38 - 18 = 20$
   Step 2 $90 \times 20 = 1{,}800$
   Step 3 $1{,}800 \div 100 = 18$
7. 0
   Step 1 $80 \div 2 = 40$
   Step 2 $100 - 40 = 60$
   Step 3 $15 \times 4 = 60$
   Step 4 $60 - 60 = 0$

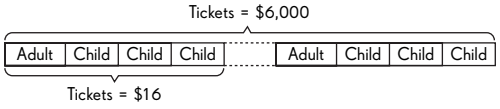
		Order
8.	$34 \times 3 \div 6 = 17$	$\times \div$
9.	$184 + 27 \times 3 = 265$	$\times +$
10.	$100 - 68 + 37 \times 4 = 180$	$\times - +$
11.	$19 \times 4 + 84 \div 6 = 90$	$\times \div +$
12.	$7 + 47 \times 8 \div 4 - 28 = 73$	$\times \div + -$
13.	$30 - (45 - 17) = 2$	$(-) -$
14.	$7 \times (14 + 26) \div 8 = 35$	$(+) \times \div$
15.	$(73 + 27) - 136 \div 4 = 66$	$(+) \div -$

Lesson 2.7 (Part 1)

1. $1{,}456 \div 56 = 26$
   $26 \times \$18 = \$468$
   He collects \$468.
2. $230 - 50 = 180$
   $180 \div 15 = 12$
   $12 \times \$20 = \$240$
   Each child collected \$240.
3. $641 + 490 = 1{,}131$
   $1{,}131 \times 8 = 9{,}048$
   $9{,}048 \div 58 = 156$
   There are 156 origami art pieces in each classroom.
4. $487 + 345 = 832$
   $832 - 40 = 792$
   $792 \div 36 = 22$
   There are 22 seashells in each box.
5. $\$4 + 3 \times \$7 = \$25$
   He paid \$25.

Lesson 2.7 (Part 2)

1. Cost of tickets for 1 adult and 3 children
   $= \$7 + 3 \times \$3$
   $= \$16$



$\$6{,}000 \div \$16 = 375$
$375 \times 4 = 1{,}500$
1,500 people bought tickets.

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