

Name : _____

Score : _____

Teacher : _____

Date : Day 1

Order of Operations

1) $(60 - 6^2) \div (0 + 3)$

6) $(35 - 5) \div 6 - 3^2$

2) $(57 - 5^2) \div (12 + 4)$

7) $(41 - 5) \div 9 - 4^2$

3) $(10 - 4)^2 + (24 \div 8)$

8) $(3 \times 4 + 3^2) - 5$

4) $(3 + 5)^2 + (16 \div 8)$

9) $8 \times (9 + 5) - 6^2$

5) $(9 \times 6 - 4^2) - 2$

10) $8 \times (8 + 2) + 4^2$



Parentheses

Exponents

multiply / Divide

Add / Subtract

} left to right as
they appear

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Date : Day 2

Simplifying Algebraic Expressions

1) $6b - 8z + 9$ use $b = 9$ and $z = 4$

6) $4 - 9h - 8x$ use $h = 8$ and $x = 6$

2) $-8w - 4 - 7 - 3x$ use $w = 2$ and $x = 8$

7) $7z - 2c - 8$ use $z = 3$ and $c = 5$

3) $4 - 9w + 3h$ use $w = 7$ and $h = 8$

8) $-5 + 6 + 2z + 9r$ use $z = 8$ and $r = 6$

4) $5w + 2 - 7x - 3$ use $w = 5$ and $x = 9$

9) $-3 + 7k - 5 + 8r$ use $k = 5$ and $r = 4$

5) $4 + 8s - 6r$ use $s = 8$ and $r = 5$

10) $-2c + 7d - 8 + 9$ use $c = 7$ and $d = 5$



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Date : Day 3

Combining Like Terms

1) $3w + w$

6) $s - 5s$

2) $3w - 7 + 6w$

7) $-3(-4 - 9f) + 2$

3) $4z + 9z$

8) $-4 - 6x + 5 + 7x$

4) $5 + 3d + 7$

9) $8h + 9(-5 - 6h)$

5) $-9m - 4 - 3 + 2m$

10) $5w + 2 + 7w - 9$



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Date : Day 4

Ratios and Rates

Express each phrase as a rate and unit rate.
(Round your answer to the nearest hundredth.)

Rate ^(write as a fraction) Unit Rate

- | | | |
|--------------------------------------|-------|-------------------------------|
| 1) 14 inches of snow in 7 hours | _____ | <u>in per hour</u> |
| 2) 7 movie tickets cost \$25.00 | _____ | <u>tickets per dollar</u> |
| 3) 8 dollars for 3 cans of tuna | _____ | <u>dollars per can</u> |
| 4) 7 pencils for 15 dollars | _____ | <u>dollars per pencil</u> |
| 5) mowed 3 yards for \$20.00 | _____ | <u>dollars per yard</u> |
| 6) 4 calculators cost \$200.00 | _____ | <u>dollars per calculator</u> |
| 7) 13 chocolate bars cost 16 dollars | _____ | <u>dollars per choc. bar</u> |
| 8) 19 dollars for 6 books | _____ | <u>dollars per book</u> |
| 9) 9 batteries cost 28 dollars | _____ | <u>dollars per battery</u> |
| 10) 90 miles on 4 gallons of gas | _____ | <u>miles per gallon</u> |

