Order of Operations (A)

Name:	Date:
Simplify eac	h expression using the correct order of operations.
$(6+4) \times 9$	$3 \times 4 + 2$
$5 \times (6+2)$	$2 \times (3 + 8)$
$2 \times 3 + 8$	$5 \times (10 + 3)$
$(4+3) \times 7$	$5 + 7 \times 4$

$10 + 6 \times 4$	$10 \times 5 + 7$

Order of Operations (A)

Name:

Date:

Simplify each expression using the correct order of operations.

$\left(\frac{6+4}{2}\right) \times 9$	$\underline{3 \times 4} + 2$
= <u>10 × 9</u>	= <u>12 + 2</u>
= 90	= 14

$5 \times (\underline{6+2})$	$2 \times (\underline{3+8})$
= <u>5 × 8</u>	= <u>2 × 11</u>
= 40	= 22

$\underline{2 \times 3} + 8$	$5 \times (\underline{10+3})$
$= \underline{6+8}$	$=$ 5×13
= 14	= 65

$\left(\frac{4+3}{2}\right) \times 7$	$5 + \underline{7 \times 4}$
= <u>7×7</u>	= <u>5 + 28</u>
= 49	= 33

$10 + 6 \times 4$	$\underline{10 \times 5} + 7$
= <u>10 + 24</u>	= <u>50 + 7</u>
= 34	= 57

Order of Operations (B)

Name:	Date:	
Simplify each expression using the correct order of operations.		
6 × 10 + 5	$5 \times 7 + 9$	
$6 + 4 \times 10$	$6 \times 10 + 7$	
$(4+3) \times 10$	$(8+6) \times 7$	
$4 \times (2 + 7)$	$(3+8)\times 4$	
	5 4 2 4 2	
$(10+4) \times 5$	$5+2\times 3$	

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Order of Operations (B)

Name:

Date:

Simplify each expression using the correct order of operations.

$\underline{6 \times 10} + 5$	$5 \times 7 + 9$
= 60 + 5	= <u>35 + 9</u>
= 65	= 44

$6 + \underline{4 \times 10}$	$6 \times 10 + 7$
= 6 + 40	= 60 + 7
= 46	= 67

$\left(\frac{4+3}{2}\right) \times 10$	$\left(\underline{8+6}\right) \times 7$
= <u>7 × 10</u>	= <u>14 × 7</u>
= 70	= 98

$4 \times \left(\frac{2+7}{2}\right)$	$\left(\frac{3+8}{8}\right) \times 4$
= <u>4 × 9</u>	= <u>11 × 4</u>
= 36	= 44

$\left(\frac{10+4}{2}\right) \times 5$	$5 + \underline{2 \times 3}$
= <u>14 × 5</u>	= <u>5 + 6</u>
= 70	= 11

Order of Operations (C)

Name:	Date:
Simplify each expre	ession using the correct order of operations.
$6 \times (2 + 10)$	$7 \times (2 + 3)$
$(2+8) \times 10$	$8 \times (2 + 9)$
9 × 6 + 7	$7 \times (9 + 3)$
8 × 5 + 3	$3 + 8 \times 4$
$5 \times (2 + 6)$	$4 \times (8 + 5)$

Order of Operations (C)

Name:

Date:

Simplify each expression using the correct order of operations.

$6 \times \left(\frac{2+10}{2}\right)$	$7 \times (2+3)$
$= \underline{6 \times 12}$	= <u>7 × 5</u>
= 72	= 35

$\left(\frac{2+8}{2}\right) \times 10$	$8 \times (2+9)$
= <u>10 × 10</u>	$= \underline{8 \times 11}$
= 100	= 88

$9 \times 6 + 7$	$7 \times \left(\frac{9+3}{9+3}\right)$
= <u>54 + 7</u>	= <u>7 × 12</u>

$\underline{8 \times 5} + 3$	$3 + \frac{8 \times 4}{2}$
= <u>40 + 3</u>	= <u>3 + 32</u>
= 43	= 35

$5 \times (2+6)$	$4 \times (\underline{8+5})$
= <u>5×8</u>	= <u>4 × 13</u>
= 40	= 52

Order of Operations (D)

Name:	Date:
	Simplify each expression using the correct order of operations.
9 × 7 + 8	$4 \times (5 + 8)$
$3 + 10 \times 4$	$(4+8) \times 2$
8 × 6 + 4	2 × (7 + 5)
4 × 9 + 8	3 × (10 + 7)
$(10 + 5) \times$	2 $2 \times (3+4)$

Order of Operations (D)

Name:

Date:

Simplify each expression using the correct order of operations.

$9 \times 7 + 8$	$4 \times (\underline{5+8})$
= <u>63 + 8</u>	= <u>4 × 13</u>
= 71	= 52

$3 + 10 \times 4$	$\left(\frac{4+8}{2}\right) \times 2$
= <u>3+40</u>	$= 12 \times 2$

= 43	= 24
	- 24

$\underline{8 \times 6} + 4$	$2 \times (\underline{7+5})$
= <u>48 + 4</u>	= <u>2 × 12</u>
= 52	= 24

$4 \times 9 + 8$	$3 \times (\underline{10+7})$
= <u>36 + 8</u>	= <u>3 × 17</u>
= 44	= 51

$\left(\underline{10+5}\right) \times 2$	$2 \times (\underline{3+4})$
= <u>15 × 2</u>	= <u>2 × 7</u>
= 30	= 14

Order of Operations (E)

Name:		Date:
	Simplify each expression using	the correct order of operations.
$(8+4)\times 3$		7 + 10 × 9
$4 + 10 \times 2$		$3 \times (10 + 6)$
6 × 10 + 3		$4 \times (7 + 8)$
$5 \times (7 + 9)$		$2 \times (8 + 3)$
4 × 6 + 5		4 × 5 + 3

Order of Operations (E)

Name:

Date:

Simplify each expression using the correct order of operations.

$\left(\frac{8+4}{2}\right) \times 3$	$7 + 10 \times 9$
= <u>12×3</u>	= <u>7 + 90</u>
= 36	= 97

$4 + \underline{10 \times 2}$	$3 \times \left(\underline{10+6} \right)$
= <u>4 + 20</u>	= <u>3 × 16</u>

= 24 = 48	
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$\underline{6 \times 10} + 3$	$4 \times \left(\frac{7+8}{9}\right)$
= 60 + 3	= <u>4 × 15</u>
= 63	= 60

$5 \times (\underline{7+9})$	$2 \times (\underline{8+3})$
= <u>5×16</u>	= <u>2 × 11</u>
= 80	= 22

$\underline{4 \times 6} + 5$	$\underline{4 \times 5} + 3$
= <u>24 + 5</u>	= <u>20 + 3</u>
= 29	= 23

Order of Operations (F)

Name:	Date:
S	Simplify each expression using the correct order of operations.
$(7+3) \times 8$	$4 + 5 \times 3$
6 × (4 + 9)	$(6+3) \times 4$
	$10 \pm 9 \times 2$
$(3+8) \times 5$	$10 + 8 \times 3$
$7 + 5 \times 3$	$10 + 5 \times 9$
$4 \times (6 + 7)$	$2 + 3 \times 8$

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Order of Operations (F)

Name:

Date:

Simplify each expression using the correct order of operations.

$\left(\frac{7+3}{2}\right) \times 8$	$4 + 5 \times 3$
= <u>10×8</u>	= <u>4 + 15</u>
= 80	= 19

$6 \times (\underline{4+9})$	$\left(\frac{6+3}{2}\right) \times 4$
$= \underline{6 \times 13}$	= <u>9×4</u>
= 78	= 36

$\left(\frac{3+8}{2}\right) \times 5$	$10 + \underline{8 \times 3}$
= <u>11 × 5</u>	= <u>10 + 24</u>
= 55	= 34

$7 + 5 \times 3$	$10 + 5 \times 9$
= <u>7+15</u>	= <u>10+45</u>
= 22	= 55

$4 \times (\underline{6+7})$	$2 + \underline{3 \times 8}$
= <u>4×13</u>	= <u>2 + 24</u>
= 52	= 26

Order of Operations (G)

Name:	Date:
Simplify each e	expression using the correct order of operations.
$2 \times (10 + 4)$	$6 \times (5 + 9)$
$3 \times (7 + 2)$	5 + 7 × 3
10 + 7 × 2	$2 \times (5 + 6)$
10 × 3 + 5	$(10 + 7) \times 4$
$9 \times 7 + 6$	$3 \times (7 + 8)$

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Order of Operations (G)

Name:

Date:

Simplify each expression using the correct order of operations.

$2 \times \left(\underline{10+4}\right)$	$6 \times (\underline{5+9})$
= <u>2 × 14</u>	= <u>6 × 14</u>
= 28	= 84

$3 \times (\underline{7+2})$	$5 + 7 \times 3$
= <u>3 × 9</u>	= <u>5 + 21</u>
= 27	= 26

$10 + \frac{7 \times 2}{2}$	$2 \times (\underline{5+6})$
= <u>10 + 14</u>	= <u>2 × 11</u>
= 24	= 22

$10 \times 3 + 5$	$\left(\underline{10+7}\right) \times 4$
= <u>30 + 5</u>	= <u>17 × 4</u>
= 35	= 68

$9 \times 7 + 6$	$3 \times (\underline{7+8})$
$= \underline{63+6}$	$=$ 3×15
= 69	= 45

Order of Operations (H)

Name:	Date:
	Simplify each expression using the correct order of operations.
$(6+4) \times 8$	6 × 9 + 3
$(5+4) \times 2$	$4 \times (5 + 7)$
$(4+6) \times 3$	7 × 2 + 3
10 × 4 + 9	$(9+3) \times 8$
$2 \times (9 + 8)$	$7 \times 10 + 2$

Order of Operations (H)

Name:

Date:

Simplify each expression using the correct order of operations.

$\left(\frac{6+4}{2}\right) \times 8$	$\underline{6 \times 9} + 3$
= <u>10 × 8</u>	= <u>54 + 3</u>
= 80	= 57
$\left(\frac{5+4}{2}\right) \times 2$	$4 \times (\underline{5+7})$
$= 9 \times 2$	$= 4 \times 12$

= 18		= 48

$\left(\frac{4+6}{2}\right) \times 3$	$\underline{7 \times 2} + 3$
= <u>10 × 3</u>	= <u>14 + 3</u>
= 30	= 17

$10 \times 4 + 9$	$\left(\frac{9+3}{2}\right) \times 8$
= <u>40 + 9</u>	= <u>12 × 8</u>
= 49	= 96

$2 \times (9+8)$	$7 \times 10 + 2$
= <u>2×17</u>	= <u>70 + 2</u>
= 34	= 72

Order of Operations (I)

Name:	Date:
Simplify each expression usin	g the correct order of operations.
$(4+10) \times 7$	$10 + 4 \times 5$
6 + 3 × 8	7 + 4 × 6
2 × (5 + 7)	$2 + 8 \times 10$
$(5+8) \times 6$	4 × 5 + 8
$4 \times 3 + 5$	$2 + 4 \times 3$

Order of Operations (I)

Name:

Date:

Simplify each expression using the correct order of operations.

$\left(\frac{4+10}{2}\right) \times 7$	$10 + \underline{4 \times 5}$
= <u>14 × 7</u>	= <u>10 + 20</u>
= 98	= 30

$6 + \underline{3 \times 8}$	$7 + 4 \times 6$
$= \underline{6+24}$	= <u>7 + 24</u>

= 30	= 31

$2 \times (5+7)$	$2 + \underline{8 \times 10}$
= <u>2×12</u>	= <u>2 + 80</u>
= 24	= 82

$\left(\frac{5+8}{2}\right) \times 6$	$4 \times 5 + 8$
= <u>13×6</u>	= 20 + 8
= 78	= 28

$4 \times 3 + 5$	$2 + \underline{4 \times 3}$
= <u>12+5</u>	= <u>2+12</u>
= 17	= 14

Order of Operations (J)

Name:	Date:
	Simplify each expression using the correct order of operations.
6 × 7 + 9	5 × 6 + 3
2 × 9 + 4	$3 + 10 \times 2$
4 × 6 + 5	$(5+8) \times 6$
9 + 2 × 7	$3 + 8 \times 6$
$5 + 10 \times 2$	$4 \times (7 + 6)$

Order of Operations (J)

Name:

Date:

Simplify each expression using the correct order of operations.

$6 \times 7 + 9$	$5 \times 6 + 3$
= <u>42 + 9</u>	= <u>30 + 3</u>
= 51	= 33

$\underline{2 \times 9} + 4$	$3 + 10 \times 2$
= <u>18+4</u>	= <u>3 + 20</u>

= 22 = 23	
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$\underline{4 \times 6} + 5$	$\left(\frac{5+8}{2}\right) \times 6$
= <u>24 + 5</u>	= <u>13 × 6</u>
= 29	= 78

$9 + \underline{2 \times 7}$	$3 + \frac{8 \times 6}{2}$
= 9 + 14	= <u>3+48</u>
= 23	= 51

$5 + \underline{10 \times 2}$	$4 \times (7 + 6)$
= <u>5 + 20</u>	= <u>4 × 13</u>
= 25	= 52