Kuta Software - Infinite Algebra 1   Name_____

Order of Operations

Date_____ Period____

Evaluate each expression.

1) $3(6 + 7)$

2) $5 \times 3 \times 2$

3) $72 \div 9 + 7$

4) $2 + 7 \times 5$

5) $9 + 8 - 7$

6) $9 - 32 \div 4$

7) $5(10 - 1)$

8) $48 \div (4 + 4)$

9) $20 \div (4 - (10 - 8))$

10) $40 \div 4 - (5 - 3)$

11) $9 + 9 + 6 - 5$

12) $(5 + 16) \div 7 - 2$

13) $7 + 10 \times 5 + 10$

14) $(6 + 25 - 7) \div 6$

15) $(6 - 4) \times 49 \div 7$

16) $(7 \times 5) \div 5$

17) $\dfrac{43 - 1}{4 + 2} + 10$

18) $(8 + 5) \times \dfrac{35}{5} + 6$

19) $\dfrac{27}{2 + 3 + 4} + 3$

20) $\dfrac{45}{8(5 - 4) - 3}$

21) $8 \times \dfrac{15}{5} - (5 + 9)$

22) $2 \times 7 - \dfrac{10}{9 - 4}$

23) $(10 + 2 - 2) \times 6 - 1$

24) $\dfrac{49}{7} \times \dfrac{60}{2 \times 5}$

25) $(2 + 6 \times 2 + 2 - 4) \times 2$

26) $\dfrac{8}{5 - 1} \times (3 + 6) \times 3$

Kuta Software - Infinite Algebra 1

Name_____ **Key**_____

Order of Operations

Date_____ Period____

Evaluate each expression.

1) $3(6+7)$

$3(13) = \boxed{39}$

2) $5 \times 3 \times 2$

$15 \cdot 2 = \boxed{30}$

3) $72 \div 9 + 7$

$8 + 7 = \boxed{15}$

4) $2 + 7 \times 5$

$2 + 35 = \boxed{37}$

5) $9 + 8 - 7$

$17 - 7$

$\boxed{10}$

6) $9 - 32 \div 4$

$9 - 8 = \boxed{1}$

7) $5(10-1)$

$5(9) = \boxed{45}$

8) $48 \div (4+4)$

$48 \div 8 = \boxed{6}$

9) $20 \div (4 - (10-8))$

$20 \div (4-2)$

$20 \div 2 = \boxed{10}$

10) $40 \div 4 - (5-3)$

$10 - (2) = \boxed{8}$

11) $9 + 9 + 6 - 5$

$18 + 6 - 5$

$24 - 5 = \boxed{19}$

12) $(5+16) \div 7 - 2$

$21 \div 7 - 2$

$3 - 2 = \boxed{1}$

13) $7 + 10 \times 5 + 10$

$7 + 50 + 10$

$57 + 10$

$\boxed{67}$

14) $(6 + 25 - 7) \div 6$

$(31-7) \div 6$

$24 \div 6 = \boxed{4}$

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15) $(6-4) \times 49 \div 7$

$2 \times 49 \div 7$

$98 \div 7$

$\boxed{14}$

16) $(7 \times 5) \div 5$

$35 \div 5 = \boxed{7}$

17) $\dfrac{43-1}{4+2} + 10$

$\dfrac{42}{6} + 10$

$7 + 10 = \boxed{17}$

18) $(8+5) \times \dfrac{35}{5} + 6$

$13 \cdot 7 + 6$

$91 + 6 = \boxed{97}$

19) $\dfrac{27}{2+3+4} + 3$

$\dfrac{27}{9} + 3$

$3 + 3 = \boxed{6}$

20) $\dfrac{45}{8(5-4)-3}$

$\dfrac{45}{8(1)-3} = \dfrac{45}{5} = \boxed{9}$

21) $8 \times \dfrac{15}{5} - (5+9)$

$8 \cdot 3 - (14)$

$24 - 14 = \boxed{10}$

22) $2 \times 7 - \dfrac{10}{9-4}$

$14 - \dfrac{10}{5} = 14 - 2 = \boxed{12}$

23) $(10+2-2) \times 6 - 1$

$10 \times 6 - 1$

$60 - 1$

$\boxed{59}$

24) $\dfrac{49}{7} \times \dfrac{60}{2 \times 5}$

$7 \cdot \dfrac{60}{10}$

$7 \cdot 6 = \boxed{42}$

25) $(2+6 \times 2 + 2 - 4) \times 2$

$(2+12+2-4) \cdot 2$

$(12) \cdot 2 = \boxed{24}$

26) $\dfrac{8}{5-1} \times (3+6) \times 3$

$\dfrac{8}{4} \cdot (9) \cdot 3$

$2 \cdot 9 \cdot 3$

$18 \cdot 3$

$\boxed{54}$