Name _____ Date _____ Pd ____

CYU 1.7 Multiplying Real Numbers DAY ONE

☑ *Use when you get it right all by yourself*

S *Use when you did it all by yourself, but made a silly mistake*

H *Use when you could do it alone with a little help from teacher or peer*

G *Use when you completed the problem in a group*

X *Use when a question was attempted but wrong (get help)*

N *Use when a question was not even attempted*

CONCEPTS	BASIC	INTERMEDIATE	ADVANCED
Multiplying Real Numbers	1 - 6, 11 - 13	7 - 10	14 - 17
Simplifying Expressions	18 - 21		
Integers, Positive/Negative, Product		22 – 25	
Evaluating Exponents		26 – 31	
Reciprocals/Multiplicative Inverse		32 - 37	

Multiply.

1. $-6(4)$
2. $2(-1)$
3. $-5(-10)$
4. $-3 \cdot 4$
5. $-7 \cdot 0$
6. $2(-9)$
7. $-\frac{1}{2}\left(\frac{-3}{5}\right)$
8. $-\frac{3}{4}\left(-\frac{8}{9}\right)$
9. $5(-1.4)$
10. $-0.2(-0.7)$
11. $-10(80)$
12. $4(-7)$
13. $(-5)(-5)$
14. $\left(\frac{2}{3}\right)\left(-\frac{4}{9}\right)$

15. – 11(11)

16. $-\frac{20}{25}\left(\frac{5}{16}\right)$

17. (— 1)(2)(- 3)(- 5)

Perform the indicated operation. Show your work.

18. (- 2)(5) – (- 11)(3)

19. (- 6)(- 1)(- 2) – (- 5)

20. 8(- 3)- 4 (- 5)

21. 20 – (- 4)(3)(- 2)

Decide whether each statement is true or false. Write out the entire word.

22. The product of three negative integers is negative.

23. The product of three positive integers is positive.

24. The product of four negative integers is negative.

25. The product of four positive integers is positive.

Evaluate: no exponents in final answer. Show work.

26. $(- 2)^4$ 27. $- 1^5$ 28. $(- 5)^2$ 29. $- 7^2$ 30. $- 2^4$ 31. $(- 1)^5$

Find each reciprocal or the multiplicative inverse.

32. 9 33. $\frac{1}{7}$ 34. $-\frac{3}{11}$ 35. 1.5 36. 100 37. $-\frac{6}{13}$

CYU Reflection: *How far can you go: basic, intermediate, or advanced?*

Rate your mastery level!

How confident are you with the skills this CYU covered? Circle the score you would give yourself.