

Name

Key

Date

Pd

CYU 1.7 Multiplying Real Numbers DAY TWO

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
Dividing Real Numbers	1 - 3, 5, 7, 8	4, 6	9 - 11
Translating phrases to expressions		12 - 15	
Solving Word Problems		16	

Divide.

1. $\frac{18}{-2} = -9$

7. $\frac{-12}{-4} = 3$

2. $\frac{-16}{-4} = 4$

8. $\frac{30}{-2} = -15$

3. $\frac{-48}{12} = 3$

9. $\frac{6}{7} \div \left(-\frac{1}{3}\right) = -\frac{18}{7}$

4. $\frac{0}{-4} = 0$

10. $-\frac{5}{9} \div -\frac{3}{4} = \frac{20}{27}$

5. $-\frac{15}{3} = -5$

11. $-\frac{4}{9} \div \frac{4}{9} = -1$

6. $\frac{5}{0}$ undefined

Translate each phrase into an expression. Use x to represent "a number".

12. The product of -71 and a number

$$-71x$$

13. Subtract a number from -16 .

$$-16 - x$$

14. -29 increased by a number.

$$-29 + x$$

15. Divide a number by -33 .

$$\frac{x}{-33}$$

Solve the word problem. Show your work.

16. A football team lost four yards on each of the three consecutive plays. Represent the total loss as a product of signed numbers and find the total loss.

$$3(-4) = -12; \text{ a loss of } 12 \text{ yards}$$

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.

