Name

_			See pages 60–63 for objectives.
	OCABULARY		
In 1	-4, rewrite each expression using the property a	give	1.
1.	15 – 3; Algebraic Definition of Subtraction	2.	$\frac{1}{2} \div 2$; Algebraic Definition of Division
3.	$(5 \cdot 3) \cdot \frac{1}{3}$; Associative Property of Multiplication	4.	(7 + 2) + 8; Associative Property of Addition
S	KILLS Objective A		
In 5	and 6, state the first operation performed, and	eva	luate each expression.
5.	$\sqrt{(7+2)} \div 3$	6.	$\frac{6+12}{3+6} + 5^{(4-2)}$
In 7 of ti 7	and 8, evaluate the algebraic expression for th he variable. $3r^3$ for $r = -2$	e giv	ven value $\left(\frac{c+1}{2}\right)^d \text{ for } c = 2 \text{ and } d = 3$
In 7 of ti 7.	and 8, evaluate the algebraic expression for the variable. $3x^3$ for $x = -2$	e giv 8.	ven value $\left(\frac{c+1}{2}\right)^d$ for $c = 2$ and $d = 3$
In 7 of th 7.	and 8, evaluate the algebraic expression for the variable. $3x^3$ for $x = -2$ ROPERTIES Objectives F, G	e giv 8.	ven value $\left(\frac{c+1}{2}\right)^d$ for $c = 2$ and $d = 3$
In 7 of ti 7. P In 9 9.	and 8, evaluate the algebraic expression for the variable. $3x^3$ for $x = -2$ ROPERTIES Objectives F, G and 10, rewrite the expression using addition i 1220	e giv 8.	ven value $\left(\frac{c+1}{2}\right)^d$ for $c = 2$ and $d = 3$ ad of subtraction. $8 \cdot (1-9)$
In 7 of ti 7. P 9.	and 8, evaluate the algebraic expression for the variable. $3x^3$ for $x = -2$ ROPERTIES Objectives F, G and 10, rewrite the expression using addition i 1220	e giv 8. nste 10.	then value $\left(\frac{c+1}{2}\right)^d$ for $c = 2$ and $d = 3$ ad of subtraction. $8 \cdot (1-9)$
In 7 of ti 7. P 9. In 9	and 8, evaluate the algebraic expression for the variable. $3x^3$ for $x = -2$ ROPERTIES Objectives F, G and 10, rewrite the expression using addition in 1220 1 and 12, rewrite the expression using multiplice	e giv 8. nste 10.	The value $\left(\frac{c+1}{2}\right)^d$ for $c = 2$ and $d = 3$ ad of subtraction. $8 \cdot (1-9)$ n instead of division.
In 7 of ti 7. P 9. In 9 11.	and 8, evaluate the algebraic expression for the variable. $3x^3$ for $x = -2$ ROPERTIES Objectives F, G and 10, rewrite the expression using addition in 1220 11 and 12, rewrite the expression using multiplic $8 \div 21$	e giv 8. nste 10. 22.	The value $\left(\frac{c+1}{2}\right)^d$ for $c = 2$ and $d = 3$ ad of subtraction. $8 \cdot (1-9)$ n instead of division. $2^3 \div 4$

Name

1-1B

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SKILLS Objective A										
In 14–21, use the order of operations to evaluate the expression for the given value of x .										
14.	x - 6 when $x = 2$		15.	$(x - 10) \cdot -4$ whe	$\operatorname{en} x = 6$					
16.	x8 when $x = 4$		17.	17. $(x-5)^2$ when $x = 12$						
18.	$3 \div x$ when $x = 18$		19.	9. $(x + 10) \div 4$ when $x = 2$						
20.	$(x + 3) \div 6$ when $x = 13$	5	21.	21. $5^2 \div x$ when $x = 10$						
In 22 and 23, use a calculator. 22. Using grouping symbols, write how you would input $\frac{3p-q}{2p}$ into a calculator.										
23.	Evaluate $\frac{1}{2p}$ when p	= 8 and q = 5.								
PROPERTIES Objectives E G										
In 24 and 25, which expression is <i>not</i> equal to the others?										
24.	A −15 + 5	B 5-15		C 5 + −15	D 15 + −5					
25.	$\mathbf{A} - \frac{1}{3} \div 7$	B $-\frac{3}{7}$	1	C 3÷−7	D $-3 \cdot \frac{1}{7}$					
26.	If Lincoln has the same number of baseball hats as Rick and Rick has the same number of baseball hats as Maggie, what conclusion can be made based on the Transitive Property of Equality?									