1.5 E	XE	ER	CIS	SES	5		HOMEV	VORK KEY	○= ◆= ◆=	WORK on p. W TAKS F Exs. 15, MULTI Ex. 28	ED-OUT 'S1 for E PRACTIO , 16, 21, 3 PLE REF	SOLU xs. 3, 11 CE AND 27, 34, 3 PRESEN	TIONS 1, and 27 REASONIN 35, and 36 NTATIONS	IG	
Sk	KILL	Pra	CTIC	E											
	 VOCABULARY Copy and complete: A word equation that represents a real-life problem is called a(n) _? WWRWING Give an example of how a problem solving strategy can help you 														
EXAMPLE 1 on p. 34 for Exs. 3–10	USING A FORMULA Use the formula $d = rt$ for distance traveled to solve for the missing variable. (3.) $d = 20$ mi, $r = 40$ mi/h, $t = \underline{?}$ 4. $d = 300$ mi, $r = \underline{?}$, $t = 4$ h														
	5. $d = \underline{?}$, $r = 30 \text{ mi/h}$, $t = 3 \text{ h}$ 6. $d = 250 \text{ mi}$, $r = 50 \text{ mi/h}$, $t = \underline{?}$ 6. $d = 250 \text{ mi}$, $r = 50 \text{ mi/h}$, $t = \underline{?}$ 6. $d = 250 \text{ mi}$, $r = 50 \text{ mi/h}$, $t = \underline{?}$ 6. $d = 250 \text{ mi}$, $r = 50 \text{ mi/h}$, $t = \underline{?}$														
	7. $P = ?$, $\ell = 15$ ft, $w = 12$ ft8. $P = 46$ in., $\ell = ?$, $w = 4$ in.9. $P = 100$ m, $\ell = 30$ m, $w = ?$ 10. $P = 25$ cm, $w = 5$ cm, $\ell = ?$														
EXAMPLE 2 on p. 35 for Exs. 11–15	USIN repr	USING PATTERNS Look for a pattern in the table. Then write an equation that represents the table.													
		x y	0 11	1 15	2 19	3 23			x y	0 60	1 45	30	3 15		
	13.	x	0	1	2	3]	14.	x	0	1	2	2 3		
		у	46	36	26	16			у	57	107	15	207		
	15. WINKER FRACEDORG Which equation represents the table at the right?							x	0	1	2	3]		
	(A) $y = 5x + 7$ (B) $y = 7x + 5$ (C) $y = 12x - 5$ (D) $y = 7x + 12$														
	16. HORSTRESPONSE The first story of a building is 24 feet high, and each additional story is 18 feet high. Write an expression for the height to the top of the <i>n</i> th story. <i>Explain</i> the meaning of each term in the expression.														
EXAMPLE 3 on p. 35 for Exs. 17–18	USIN 17.	IG DIA	AGRAM	S Writ	te and	solve a	un equatio	on to fi 18.	nd x .	2ft	x→ 2 f	 t	-2 ft	_	

12 ft

15 ft