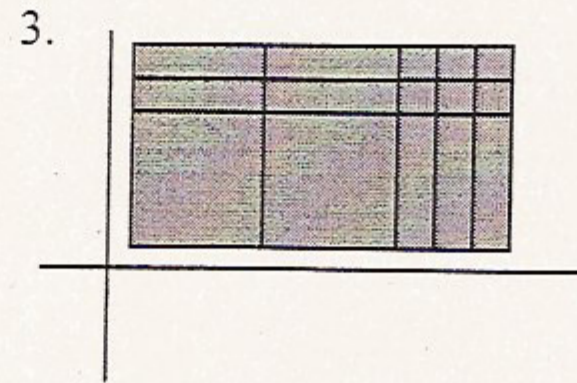
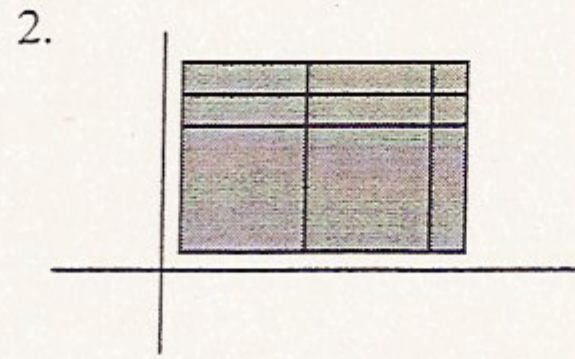
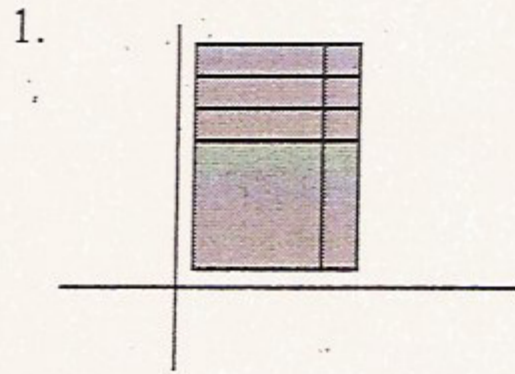


Problems

Write a statement showing: **area as a product equals area as a sum.**



4.

x	x^2	$3x$
-5	$-5x$	-15
	x	$+3$

5.

6	$18y$	$-12x$
	$3y$	$-2x$

6.

$3y$	$3xy$	$12y$
-2	$-2x$	-8
	x	$+4$

Multiply.

7. $(3x+2)(2x+7)$

8. $(2x-1)(3x+1)$

9. $(2x)(x-1)$

10. $(2y-1)(4y+7)$

11. $(y-4)(y+4)$

12. $(y)(x-1)$

13. $(3x-1)(x+2)$

14. $(2y-5)(y+4)$

15. $(3y)(x-y)$

16. $(3x-5)(3x+5)$

17. $(4x+1)^2$

18. $(x+y)(x+2)$

19. $(2y-3)^2$

20. $(x-1)(x+y+1)$

21. $(x+2)(x+y-2)$

Problems

Solve each equation for the specified variable.

1. y in $5x+3y=15$

2. x in $5x+3y=15$

3. w in $2l+2w=P$

4. m in $4n=3m-1$

5. a in $2a+b=c$

6. a in $b-2a=c$

7. p in $6-2(q-3p)=4p$

8. x in $y=\frac{1}{4}x+1$

9. r in $4(r-3s)=r-5s$