

mobius

Algebra Weights - 3 Scales, 2 Shapes (Complex Substitution, Compound



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1 Which equations represent what these scales are showing	v,er), t 4b + 4a = 12	Q □Q ι 4b + 4a = 12	Jation $4b + 4a = 12$	2 Which equations represent what these scales are showing	A $b + 4a = 15$	$egin{array}{c} B \ b+4a=15 \end{array}$	$\begin{array}{ c c } \hline C \\ b+4a=15 \end{array}$
	4b + 2a = 8 $b + a = ?$			15	2b + 3a = 15	52b + 3a = 15 2b + 3a = ?	3b+3a=15
	$egin{array}{c} D \ 4b+4a=12 \ 6b+2a=8 \ \end{array}$			15			
?	2b + a = ?			2	b+3a=?		
Which equations represent what these scales are showing	${\sf A}$ ${\sf 5}p+2b=18$	B4 $p+2b=18$	$egin{aligned} C \ 4p + 2b = 18 \end{aligned}$	4 Which equations represent what these scales are showing	$egin{aligned} A\ a+b=4 \end{aligned}$	$egin{array}{c} B \ a+b=4 \end{array}$	C $2b+a=4$
18			p+5b=15 $p=$?		3a = 9 $a = ?$	3a = 9 $b = ?$	b + 4a = 9 b + a = ?
15 15	$egin{aligned} D \ 4p + 2b &= 18 \ p + 4b &= 15 \end{aligned}$			9	$egin{array}{c} {\sf D} \\ a=4 \\ 4a=9 \end{array}$		
?	p+b=?			?	b + a = ?		
Which equations represent what these scales are showing	A $5p + 4b = 20$	B7 $p+4b=20$	$egin{aligned} C \ 7p + 4b = 20 \end{aligned}$	6 Which equations represent what these scales are showing	$egin{array}{c} A \ 6p = 16 \end{array}$	$egin{aligned} B \ 5 & 2 a + 4 p = 16 \end{aligned}$	$egin{array}{c} C \ S & 2 a + 6 p = 16 \end{array}$
	2p+4b=14 $2p+b=$?	2p + 4b = 14	2p + 4b = 14			3a + 4p = 20	
14	$egin{aligned} D \ &4p+4b=20 \ &2p+4b=14 \end{aligned}$			20	$egin{aligned} D \ & 2a + 6p = 16 \ & 3a + 3p = 20 \end{aligned}$		
?	p+b=?			?	p = ?		
Which equations represent what these scales are showing	$egin{aligned} A \ & 3p + 5a = 31. \end{aligned}$	B5 $p+5a=31$	$egin{aligned} C \ 3p+4a=31 \end{aligned}$	8 Which equations represent what these scales are showing	$egin{array}{c} A \ 4a + 4b = 24 \end{array}$	$\begin{vmatrix} B \\ a + 4b = 24 \end{vmatrix}$	7b = 24
31	2a=13 $p=$?	p= 13 $a=$?	p+2a=13 $p+a=$?		2a + 4b = 18 $a + b = ?$	32a + 2b = 18 a + b = ?	5a=18 $2b=?$
13	$egin{aligned} D \ & 3p + 4a = 31 \ & p + 2a = 13 \end{aligned}$			18	$egin{aligned} D \ &4b = 24 \ &5a + 2b = 18 \end{aligned}$		
?	a = ?			?	a+2b=?		