Mathematics Grade 7

Grade 7 Algebraic Enpressions & Algebraic Equation. Solving equation involving the additive Example Some each of the following equation. (c) a+3=-2 Solution (C) ax3=-2 a=-2-3 m-6=-9 4-8=17 m=-9+611m=-3

1. Solve the following equations.

(a)
$$x + 5 = 9$$

(b)
$$z + 2 = 18$$

(c)
$$y + 7 = -3$$

(d)
$$m + 13 = -14$$

2. Solve the following equations.

(a)
$$x - 6 = 15$$

(b)
$$z - 24 = 19$$

(c)
$$m - 14 = 18$$

(d)
$$u - 9 = -7$$

1. Solve the following equations.

(a)
$$3x = 24$$

(b)
$$5m = 100$$

(c)
$$19y = 38$$

(d)
$$2z = -5$$

Solve the following equations.

(a)
$$3x + 6 = 13$$
 (b) $-2x + 7 = 1$

(b)
$$-2x + 7 = 1$$

(c)
$$4y - 15 = 10$$
 (d) $4 - a = 11$

(d)
$$4 - a = 11$$

(e)
$$-7y - 24 = -3$$
 (f) $-3z - 12 = -17$

$$(f) -3z - 12 = -17$$

Solving equation involving	y brackets Cinform of
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7 1-2	(d) 1/1-1)-1(C)
Example!	8
	13/9/11/10/
Solve the following equal	ions: must sull out out
(a) 5(a+7)=15. (b) -3	(m-i) =9 111 2 116 (n
Solution	€
	(10/10/03)
(a) \$(a++)=15 (b)	-3(m-2) = 9
801+35=15	1-bm+6=9111 111111111111111111111111111111111
8CU = 15-35	-bm = 9-6
5 CL = -20	-bm = 3 00
a = -20	m=3 0 6 -10
\$ 51 21	-3
a = -4	m = -1
W = -15 Kg	

Solve the following equations:

(a)
$$3(x+2) = 12$$

(b)
$$7(x-5) = 35$$

(c)
$$3(-+7) = -3$$

(a)
$$3(x+2) = 12$$
 (b) $7(x-5) = 35$ (c) $3(-+7) = -3$ (d) $2(x-2) = 10$