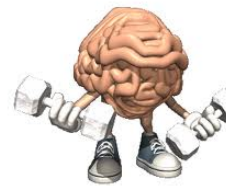


Warm-Up

Reverse BEDMAS



A. $-4p - 9 = -49$

$$\begin{aligned}
 -4p \boxed{-9+9} &= -49 + 9 \\
 \underline{-4p} &= \underline{-40} \\
 -4 & \quad -4 \\
 p &= 10
 \end{aligned}$$

Check/Verify
[BEDMAS]

Left [L]	=	Right [R]
$-4p - 9$		-49
$-4(10) - 9$		
$-40 - 9$		
-49	=	$-49 \checkmark$

B.

$$\frac{r}{4} + 3 = 7.2$$

~~$\frac{r}{4} = 4.2$~~ $\frac{r}{4} = 4.2$ (4)
 $\frac{r}{4} + 3 - 3 = 7.2 - 3$
 ~~$\frac{r}{4} = 4.2$~~ $\frac{r}{4} = 4.2$ (4)
 $r = 16.8$

Check.

L	$=$	R
$\frac{r}{4} + 3$	$=$	7.2
$\frac{16.8}{4} + 3$	$=$	7.2
$4.2 + 3$	$=$	7.2
7.2	$=$	7.2

✓

$$3.1 - 0.2a = 1.5$$

$$\boxed{3.1 - 3.1} - 0.2a = 1.5 - 3.1$$

$$\frac{-0.2a}{-0.2} = \frac{-1.6}{-0.2}$$

$$a = 8$$

$$-0.2a + 3.1 = 1.5$$

$$-3a + 4 = -17$$

$$-3a + \boxed{4-4} = -17-4$$

$$\frac{-3a}{-3} = \frac{-21}{-3}$$

$$a = 7$$

Check **BEDMAS**
[Verify]

L	R
$-3a + 4$	-17
$-3(7) + 4$	
$-21 + 4$	
$-17 = -17$	

✓

$$\frac{\cancel{(4)} x}{\cancel{4}} = \frac{6^{(4)}}{7}$$

$$x = \frac{24}{7}$$

$$4p-3=0$$

$$4p-3+3=0+3$$

$$\frac{4p}{4} = \frac{3}{4}$$

$$p = \frac{3}{4}$$

$$p = 0.75$$

Check

L	R
$4p-3$	$= 0$
$4(0.75)-3$	
$3-3$	$= 0$

✓

A. $7a-2 = -72$

B. $-53 = 6x + 7$

$$6x + \boxed{7} = -53 - 7$$

$$6x + 7 = -53$$

$$6x + \boxed{7-7} = -53 - 7$$

$$\frac{6x}{\cancel{6}} = \frac{-60}{6}$$

$$x = -10$$

c) $\frac{r}{4} - 2 = 4$

d) $\frac{3c}{4} = 15$

$\frac{3c}{4} = 15$

$\frac{12c}{4} = 60$

$\frac{3c}{3} = \frac{60}{3}$

$c = 20$

$\frac{3c}{3} = \frac{60}{3}$

$c = 20$

$$e) 2(5K - 4) = -22$$

$$10K - 8 = -22$$

$$10K - 8 + 8 = -22 + 8$$

$$\frac{10K}{10} = \frac{-14}{10}$$

$$K = \frac{-14}{10}$$

$$K = -1.4$$

$$f) \frac{15}{c} = 5^{(c)}$$

$$\frac{15}{5} = \frac{5c}{5}$$

$$c = 3$$

Warm-Up

Jan. 31, 2020

a. $0.4(3.2 + x) = -8$

$$1.28 + 0.4x = -8$$

$$\boxed{1.28 - 1.28} + 0.4x = -8 - 1.28$$

$$\frac{\cancel{0.4}x}{\cancel{0.4}} = \frac{-9.28}{0.4}$$

$$x = -23.2$$

b. $\boxed{2} + \frac{n}{3} = 2.8$

$$\cancel{3} \frac{n}{\cancel{3}} = 0.8^{(3)}$$

$$n = 2.4$$

$$g) \quad 8 + \frac{b}{-4} = 5$$

$$8 + \frac{-b}{4} = 5$$

$$\boxed{8-8} + \frac{-b}{4} = 5-8$$

$$\cancel{(4)} \frac{-b}{\cancel{4}} = -3 \quad \cancel{(4)}$$

$$\frac{-b}{-1} = \frac{-12}{-1}$$

$$b = 12$$

$$13.2 = 2(3.7 + w)$$

$$2(3.7 + w) = 13.2$$

$$7.4 + 2w = 13.2$$

$$\boxed{7.4 - 7.4} + 2w = 13.2 - 7.4$$

$$\frac{2w}{2} = \frac{5.8}{2}$$

$$w = 2.9$$

Check

[Verify]

BEDMAS

L	R
13.2	= 2(3.7 + w)
	2(3.7 + 2.9)
	2(6.6)
	13.2 = 13.2

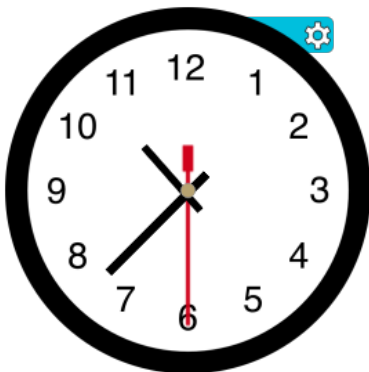
✓

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c, d, f ← all

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2. Extra practice....you pick questions to practice.



$$-2(x - 4) = 8$$

$$-2x + 8 = 8$$