48.) I = Illinois record low

$$I + 7 = -29$$
$$-7 \quad\quad -7$$

$$I = -36^{\circ}$$

D	U
+7	−7

44.) c = cost of paper

$1.25 + 6.49 + c = 8.79$

$7.74 + c = 8.79$

$-7.74 \quad -7.74$

$c = \$1.05$

D	U
+7.74	-7.74

1-9 Solving Multiplication and Division Equations

Undo
Solve

Do	Undo
write it out.	solve inverse operation

Inverse Operations
do the opposite

operation	inverse
$\times$	$\div$
$\div$	$\times$
$+$	$-$
$-$	$+$

$\frac{35}{35}d = \frac{210}{35}$

$1d = 6$

$d = 6$

Do	Undo
$\cdot 35$	$\div 35$

a) $\frac{8}{8}x = \frac{72}{8}$

$x = 9$

D	u
·8	÷8

$\frac{-4n}{-4} = \frac{28}{-4}$

$n = -7$

D | U
• −4 | ÷4

$\frac{-4n}{-4} = \frac{28}{-4}$

D | U
• −4 | ÷4

$N = -7$

$$\frac{-12}{-6} = \frac{-6k}{-6}$$

$$2 = k$$

D	U
·6	÷6

$$\frac{-6k}{-6} = \frac{-12}{-6}$$

$$k = 2$$

$$\frac{a}{-3} = -7$$

$$-\frac{1}{3}a = -7$$

$\therefore$

$a = 6$

$$\frac{1}{3}(6) = 2$$

$$\frac{6}{3} = 2$$

$$\frac{-3}{1} \cdot \frac{a}{-3} = -7 \cdot -3$$

D	u
÷ −3	× −3

$$1a = 21$$

d.) $\frac{-4}{1} \cdot \frac{y}{-4} = -8 \cdot -4$

D	U
÷ -4	x -4

$y = 32$

$\frac{4}{1} \cdot \frac{1y}{-4} = \frac{-8}{1} \cdot \frac{-4}{1}$

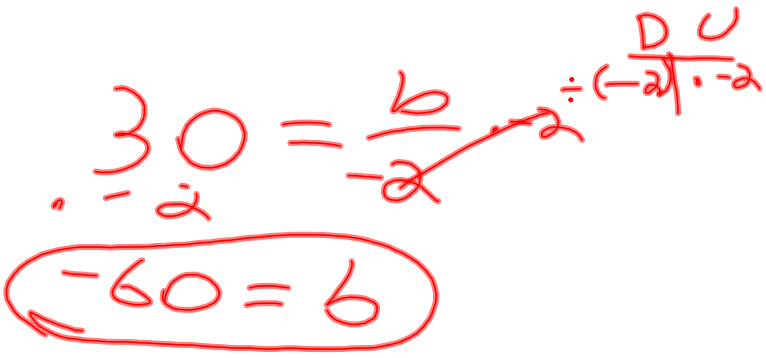
$y = \frac{32}{1} = 32$

$$\frac{1}{4} \cdot \frac{4}{1} = 1$$

$5 \cdot \frac{m}{5} = -9.5$

D	U
÷5	·5

$m = -45$


30 = b/-2
÷ -2
D U
(-2)(-2)
-60 = b