Warm-Up
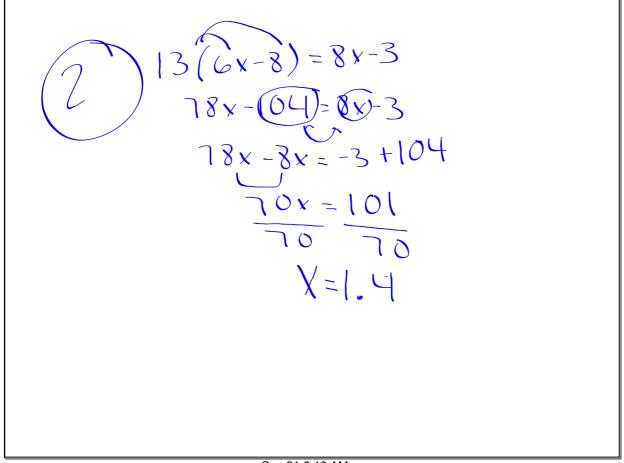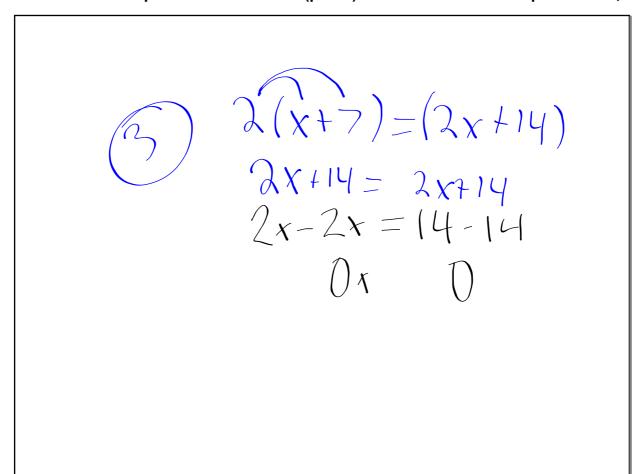
1. What is the solution set for the equation $(x-4)^2/8 = 2$ if the replacement set is {5, 6, 7, 8}

2. What are the four steps for solving multi-step equations? (psst... they're in your flipbook!)

Sep 21-7:00 AM

ASSESSMENT ALERT

Sep 21-8:03 AM

$$(x-7)-(x+6)=9x$$
$$x-7-x-6=9x$$
$$(x-x)-(7+6)=9x$$
$$x-x-7-6=9x$$
$$\frac{-13}{9}=\frac{9x}{9}$$
$$\frac{-13}{9}=x$$

Sep 21-8:04 AM

(2) $13(6x-8)=8x-3$

$$78x-\boxed{(04)}=\boxed{8x}-3$$
$$78x-8x=-3+104$$
$$\frac{70x}{70}=\frac{101}{70}$$
$$x=1.4$$

Sep 21-9:18 AM

③ $2(x+7) = (2x+14)$

$2x + 14 = 2x + 14$

$2x - 2x = 14 - 14$

$0x \qquad 0$

Sep 21-9:21 AM

④

Sep 21-9:24 AM