$\frac{x}{-4} > -3$ $x-4$ $x-4$

$X < 12$

$3x - 12 < 18$

$+12 \quad +12$

$\frac{3x}{3} < \frac{30}{3}$

$X < 10$

Solve and verify

$$-2.6a + 14.6 > -5.2 + 1.8a$$

$-1.8a \qquad -1.8a$

$$-4.4a + 14.6 > -5.2$$

$-14.6 \qquad -14.6$

$$-4.4a > -19.8$$

$-4.4 \qquad -4.4$

$$a < 4.5$$

VERIFY YOUR ANSWER

$-2.6(3)+14.6 > -5.2+1.8$ (3)

$-7.8+14.6 > -5.2+5.4$

$6.8 > 0.2$

True

✓

A super slide charges $1.25 to rent a mat and $0.75 per ride. Jason has $10.25.
How many rides can Jason go on? You must use an inequality to show your answer

$1.25 + 0.75R \leq 10.25$

$-1.25 \quad -1.25$

$\frac{0.75R}{0.75} \leq \frac{9}{0.75}$

$R \leq 12$

Max of 12 rides

Practice P. 305-306 # 7-13, 16-18