

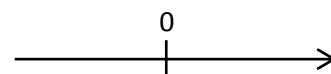
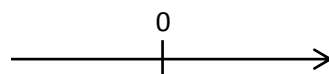
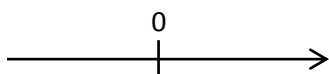
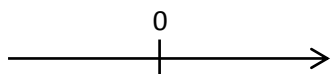
لون الجزء المناسب من المستقيم المدرج :

Seven horizontal number lines are provided for graphing the inequalities. Each line has a vertical tick mark at the center labeled '0'. The inequalities to be graphed are listed to the left of each line:

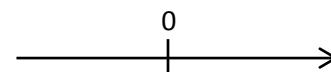
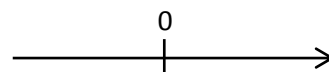
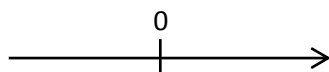
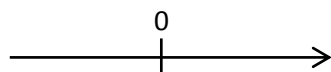
- Line 1: $x > 3$
- Line 2: $x \geq -4$
- Line 3: $x < 2,5$
- Line 4: $x \geq -\frac{5}{2}$
- Line 5: $x \geq -\frac{7}{2}$
- Line 6: $x \leq -6$
- Line 7: $x < -\frac{16}{5}$

حل المتراجحات التالية و مثل بيانيا حلولها :

d. $9.5 - 3x > 4,5 + 2x$

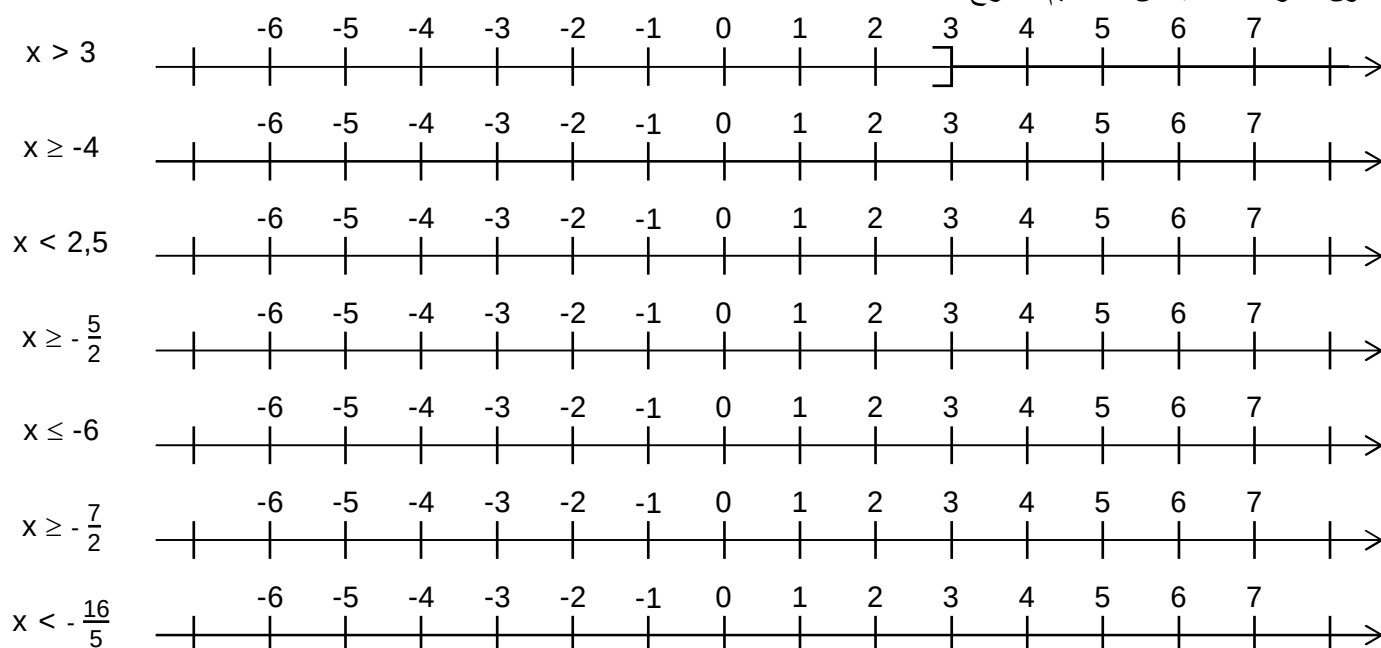


h. $\frac{3x-2}{4} > 2$



التمرين الأول :

لون الجزء المناسب من المستقيم المدرج :



التمرين الثانى :

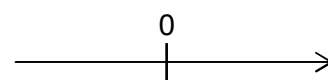
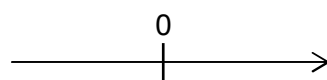
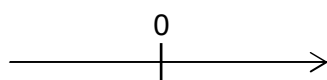
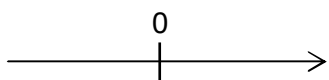
حل المتراجحات التالية و مثل بيانيا حلولها :

a. $2(3x - 1) > 4x - 6$

b. $4x + 10 \leq 2(3x + 1)$

c. $25x \leq 900 + 30x$

d.	$9.5 - 3x > 4,5 + 2x$
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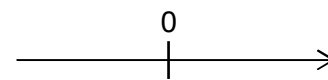
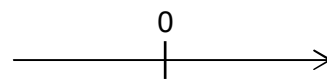
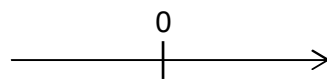
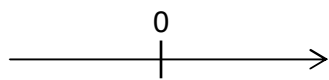


e. $-1 - 2x \leq \frac{x}{2} + 2$

f.	$\frac{x}{2} - 3 > \frac{3x - 2}{4} - 1$
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g.	$3x \geq 24 - \frac{x}{2}$
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h.	$\frac{3x - 2}{4} > 2$
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1- حل المعادلات الآتية

a. $2x - 3 = 0$	b. $7x + 5 = 0$	c. $5 + 4x = 0$
=	=	=
=	=	=
d. $7x - 8 = 0$	e. $-3x + 5 = 0$	f. $-2x - 9 = 0$
=	=	=
=	=	=
g. $-1 - 5x = 0$	h. $6x = 0$	i. $-12x = 0$
=	=	=
=	=	=

2- حل المعادلات الآتية

a. $(2x + 5)(3x + 1) = 0$
b. $6x(-x + 4) = 0$
c. $(9 - 4x)(3 + 1) = 0$
d. $5x(-6 + x)(7x + 2) = 0$
e. $(4 - 3x)(x - 7)(6 + 5x) = 0$

3- حل المعادلات الآتية

a. $(x + 5)(x - 3) = 0$	b. $(4x - 1)(6x + 5) = 0$
c. $(-8x + 5)(-2 - 3x) = 0$	d. $(3x + 4)(2 - 5x) = 0$
e. $(5 + 3x)(7 - x) = 0$	f. $3x(7 + 8x) = 0$
g. $-8x(-3 - 6x) = 0$	h. $(4x - 2)(2 - x) = 0$