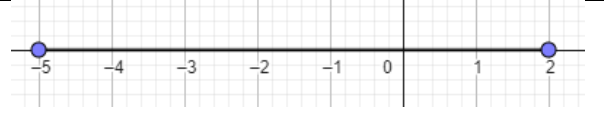
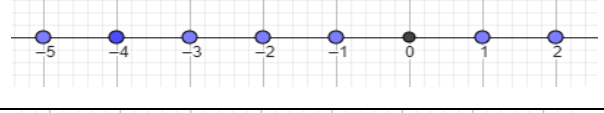
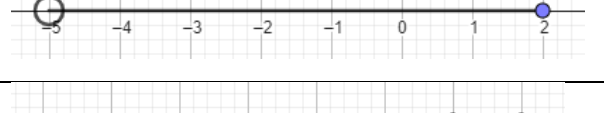
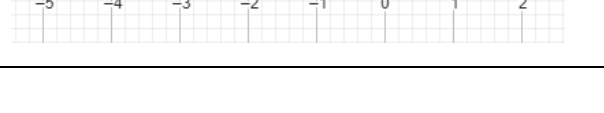


Thema: Maturaformate Intervalle		Grundkompetenz: AG-R 1.1
Name:	Schwierigkeitsgrad: Mittel	Klasse:

1) Ordne die Mengen der jeweiligen Abbildung am Zahlenstrahl zu.

1		A	$\{x \in \mathbb{N} \mid -5 \leq x \leq 2\}$
2		B	$\{x \in \mathbb{R} \mid -5 \leq x \leq 2\}$
3		C	$\{x \in \mathbb{Z} \mid -5 \leq x \leq 2\}$
4		D	$\{x \in \mathbb{R} \mid -5 \leq x \leq 2\}$
		E	$\{x \in \mathbb{Z} \mid -5 < x < 2\}$
		F	$\{x \in \mathbb{R} \mid -5 \leq x \leq 2\}$

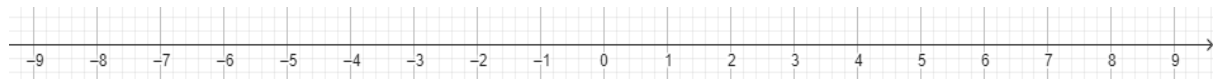
2) Ordne die Menge der jeweiligen passenden Darstellung zu.

1	(7; 9)	A	$\{x \in \mathbb{R} \mid 7 < x \leq 9\}$
2	(7; 9)	B	$\{x \in \mathbb{N} \mid 7 < x \leq 9\}$
3	[7; 9]	C	$\{x \in \mathbb{R} \mid 7 < x \leq 7\}$
4	[7; 9]	D	$\{x \in \mathbb{R} \mid 7 \leq x \leq 9\}$
		E	$\{x \in \mathbb{R} \mid 7 < x < 9\}$
		F	$\{x \in \mathbb{R} \mid 7 < x \leq 9\}$

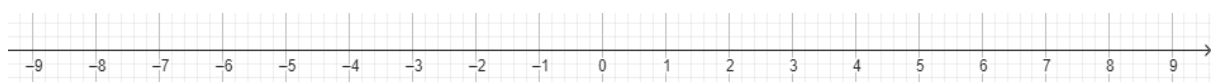
1	[-2; 0]	A	$\{x \in \mathbb{R} \mid -2 < x \leq 0\}$
2	[-2; 0]	B	$\{x \in \mathbb{R} \mid -2 < x < 0\}$
3	(-2; 0]	C	$\{x \in \mathbb{R} \mid -2 \leq x \leq 0\}$
4	(-2; 0]	D	$\{x \in \mathbb{R} \mid -2 \leq x < 0\}$
		E	$\{x \in \mathbb{R} \mid 0 < x \leq 2\}$
		F	$\{x \in \mathbb{Z} \mid -2 < x \leq 0\}$

3) Zeichne das Intervall am Zahlenstrahl ein.

a) (-8; 8)



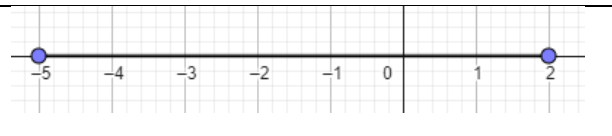
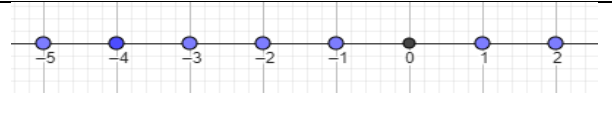
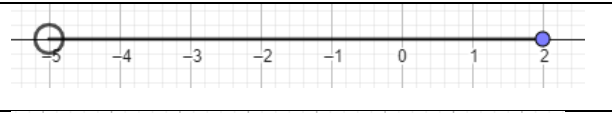
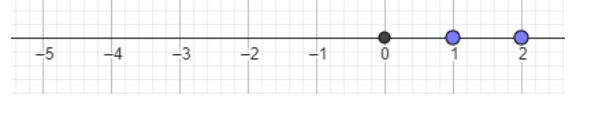
b) [-6; 5)



Thema: Maturaformate Intervalle Lösungen		Grundkompetenz: AG-R 1.1
Name:	Schwierigkeitsgrad: Mittel	Klasse:

1)

Ordne die Mengen der jeweiligen Abbildung am Zahlenstrahl zu.

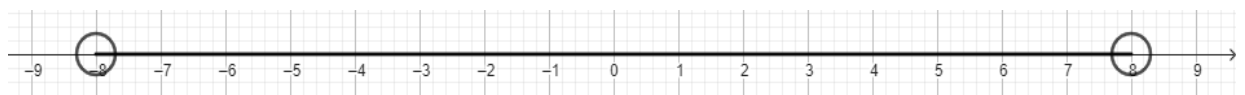
1		B	A	$\{x \in \mathbb{N} \mid -5 \leq x \leq 2\}$
2		C	B	$\{x \in \mathbb{R} \mid -5 \leq x \leq 2\}$
3		F	C	$\{x \in \mathbb{Z} \mid -5 \leq x \leq 2\}$
4		A	D	$\{x \in \mathbb{R} \mid -5 \leq x \leq 2\}$
			E	$\{x \in \mathbb{Z} \mid -5 < x < 2\}$
			F	$\{x \in \mathbb{R} \mid -5 \leq x \leq 2\}$

2) Ordne die Menge der jeweiligen passenden Darstellung zu.

1	(7; 9]	A	A	$\{x \in \mathbb{R} \mid 7 < x \leq 9\}$	1	[-2; 0]	C	A	$\{x \in \mathbb{R} \mid -2 < x \leq 0\}$
2	(7; 9)	E	B	$\{x \in \mathbb{N} \mid 7 < x \leq 9\}$	2	[-2; 0)	D	B	$\{x \in \mathbb{R} \mid -2 < x < 0\}$
3	[7; 9]	D	C	$\{x \in \mathbb{R} \mid 7 < x \leq 7\}$	3	(-2; 0]	A	C	$\{x \in \mathbb{R} \mid -2 \leq x \leq 0\}$
4	[7; 9)	F	D	$\{x \in \mathbb{R} \mid 7 \leq x \leq 9\}$	4	(-2; 0)	B	D	$\{x \in \mathbb{R} \mid -2 \leq x < 0\}$
			E	$\{x \in \mathbb{R} \mid 7 < x < 9\}$				E	$\{x \in \mathbb{R} \mid 0 < x \leq 2\}$
			F	$\{x \in \mathbb{R} \mid 7 < x \leq 9\}$				F	$\{x \in \mathbb{Z} \mid -2 < x \leq 0\}$

3) Zeichne das Intervall am Zahlenstrahl ein.

a) (-8; 8)



b) [-6; 5)

