

1

(1) $(-1, 0)$	(2) $y = -x + 8$
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2

(1) $a = -1$	(2) $(\frac{1}{2}, 0)$	(3) $(2, 3)$
(4) $m = -3 \quad n = -1$	(5) $y = -\frac{11}{2}x - \frac{17}{2}$	

3

(1) 5	(2) $(2, 0)$	(3) $(\frac{1}{3}, 0)$	(4) $(1, -2)$
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4

(1) $a = -2$	(2) $\frac{2}{7}$	(3) -3
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