



1

(1)	± 5	(2)	$\pm \frac{1}{4}$	(3)	± 0.8
-----	---------	-----	-------------------	-----	-----------

[解説]

(2) $\left(\frac{1}{4}\right)^2 = \frac{1}{16}$, $\left(-\frac{1}{4}\right)^2 = \frac{1}{16}$ なので, $\frac{1}{16}$ の平方根は $\pm \frac{1}{4}$

(3) $0.8^2 = 0.64$, $(-0.8)^2 = 0.64$ なので, 0.64 の平方根は ± 0.8

2

(1)	$\pm \sqrt{13}$	(2)	$\pm \sqrt{0.7}$	(3)	$\pm \sqrt{\frac{5}{11}}$
-----	-----------------	-----	------------------	-----	---------------------------

3

(1)	-7	(2)	$\frac{5}{6}$	(3)	3
-----	------	-----	---------------	-----	-----

[解説]

(1) $-\sqrt{49} = -\sqrt{7^2}$ (2) $\sqrt{\frac{25}{36}} = \sqrt{\left(\frac{5}{6}\right)^2}$ (3) $\sqrt{(-3)^2} = \sqrt{9} = \sqrt{3^2}$

4

(1)	$\frac{6}{11}$	(2)	13	(3)	7
-----	----------------	-----	------	-----	-----