

Grade 6 Bilingual Math worksheet: Rational number and calculation 2

Name: _____

Score: _____ (Due: 2 Sep.)

1. Write down some examples for each of the following and tell whether they are **rational** number or **irrational** number.

↳ whole numbers:

↳ recurring decimals:

↳ infinite decimals that never repeat:

↳ recurring decimals:

↳ finite decimals:

↳ square root of a non-squared number:

2. Draw a number axis and put all the following number on the axis.

$$2.5, 1, -1.5, \frac{2}{3}, 3\frac{1}{4}, -2\frac{3}{4}$$

3. Complete this table

original number	absolute value	opposite number
-4.3		
		1.6
	0	
$-\frac{4}{3}$		

4. Calculation **without** using calculator

- (1) $(-1.7)+1.2$
- (2) $(-5.4)+(-4.6)$
- (3) $(-2.5)-1.5$
- (4) $(-3.1)-(-3.2)$
- (5) $32+(-23)-23+40-32$
- (6) $7-(-\frac{1}{2})+1.5$
- (7) $(-2.5)\times 4$
- (8) $-8\times(-1.25)$
- (9) $(-\frac{2}{3})\times\frac{2}{7}\times(-\frac{3}{4})$
- (10) $0.25\times(-3.1)\times(-8)$
- (11) $(-1.25)\div(-\frac{1}{4})$
- (12) $(-12)\div(-\frac{1}{12})\div(-100)$
- (13) $2\times 2\times 2\times 2\times 2\times 2\times 2\times 2\times 2\times 2$
- (14) $\frac{5}{21}\div(-\frac{1}{7})$
- (15) $(-3)\div(-\frac{2}{5})\div(-\frac{1}{4})$
- (16) $(-4.3)\times 3.4\times 3\div(-0.45)\div\frac{3}{4}\times 100\times 0$