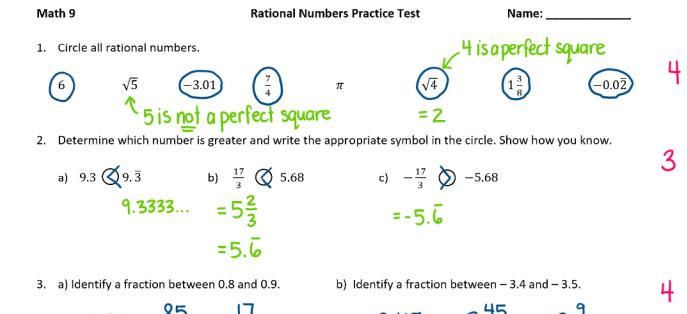
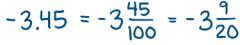
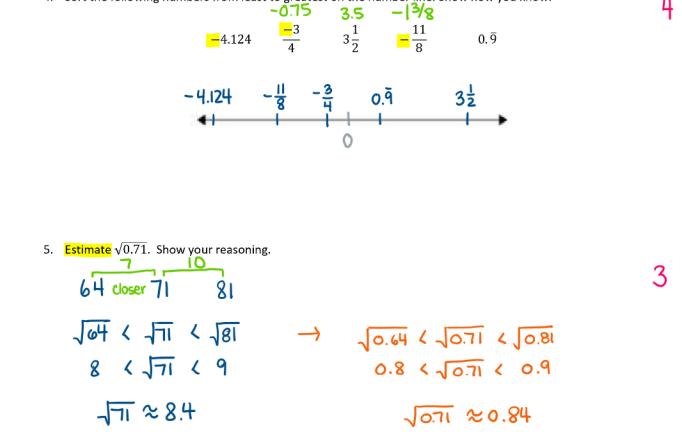
Practice Test: Rational Numbers



 $0.85 = \frac{85}{100} = \frac{17}{20}$



4. Sort the following numbers from least to greatest on the number line. Show how you know.



6. Evaluate. Work must be shown to receive full marks.

4

	a) 2.35 <u>+ (−</u> 1.65)	+ b) −1.06 <mark>− (−</mark> 0.83)	c) $-\frac{2}{5} + \left(-\frac{3}{5}\right)$
	= 2.35 -1.65	=-1.06 + 0.83	= - 2 - 3
	= 0.7	= -0.23	= - 5
			= -1
	(d) $-\frac{4}{5} = \left(-\frac{7}{10} \right)$	e) $\frac{1}{4} \times \left(-\frac{3}{5}\right) = -\frac{3}{20}$	f) $-1\frac{4}{7} \div \left(-5\frac{1}{2}\right)$
	$=\frac{-8}{10}+\frac{7}{10}$	20	$=-\frac{11}{7} \div -\frac{11}{2}$
	$= -\frac{1}{10}$		=-4 x-2
			$=\frac{2}{7}$
3	g) $(-0.2 + 0.9)^2 + 9.8 \div (-0.2 + 0.9)^2$	0	$<\left(-\frac{2}{3}+\frac{8}{3}\right)^2-\frac{5}{12}$
	$= (0.7)^2 + 9.8 \div (0.7)^2 + 9.8 \div (0.7)^2 + 9.8 \div (0.7)^2 + -14$		$\times \left(\frac{6}{3}\right)^2 - \frac{5}{12}$
	= -13.51		$\times (2)^{2} - \frac{5}{12}$
		<u>- 5</u> 6	$x 4 - \frac{5}{12}$
		= 2	$\frac{0}{6} = \frac{5}{12}$
		= 4	$\frac{0}{2} - \frac{5}{12}$
		$=\frac{3}{1}$	$\frac{5}{2}$ or $2\frac{11}{12}$
7.	Maya had \$200.44 in her bank account. Over the next two months she made <mark>four</mark> deposits of \$ <mark>63.75</mark> . Sh also took out \$47.10, \$25.91, \$102, and \$58.43 during that time.		
	a) How much money is in her account at the end of the two months? Include a sentence answer.		
200.44 + 4 (63.75) - 47.10 - 25.91 - 102 - 58.43			

= 200.44 + 255 - 233.44 = 222 Maya has \$222 in her account.

b) Maya decides to give $\frac{1}{4}$ of the remaining money to charity. What amount does she donate? Include a sentence answer. $\frac{1}{4} \times 222 = 55.5$ Maya donates \$55.50.