

September 7, 2016

	N	W	Z	Q	Q'	R
$\sqrt{25}$	✓	✓	✓	✓	✓	✓
-0.0001				✓		✓
$\frac{0}{0}$				✓		✓
-			✓	✓		✓
5.56				✓		✓

Sep 7-9:49 AM

i $3x + 2(x-5) + 4x$

ii $3x + 2x - 10 + 4x$ Dist

iii $(3x + 2x + 4x) - 10$ Comm

iv $9x - 10$ Assoc

Sep 7-10:18 AM

$-2^4 = (-1) \cdot 2^4 = (-1) \cdot 2 \cdot 2 \cdot 2 \cdot 2$

$(-2)^4 = (-2) \cdot (-2) \cdot (-2) \cdot (-2)$

$= 4 \cdot (-2) \cdot (-2)$

$= (-8) \cdot (-2)$

$= 16$

4 ← even

-16

Sep 7-10:21 AM

$100(x = -0.\overline{27})$

$100x = -27.\overline{27}$

$x = -0.\overline{27}$

$99x = -27$

$x = -\frac{27}{99} = -\frac{3}{11}$

Sep 7-10:25 AM

$\frac{a}{b} \pm \frac{c}{d} = \frac{ad \pm bc}{bd = ca}$

ico: 40

$-\frac{3}{8} + \frac{11}{5} = \frac{-3 \cdot 5 + 11 \cdot 8}{40}$

$-\frac{3}{8} \cdot \frac{5}{5} = -\frac{15}{40}$

$\frac{11}{5} \cdot \frac{8}{8} = \frac{88}{40}$

$-\frac{15}{40} + \frac{88}{40} = \frac{73}{40}$

$\frac{73}{40} = \frac{73 \cdot 1}{2 \cdot 2 \cdot 2 \cdot 5 \cdot 1}$

Relatively Prime

Sep 7-10:28 AM

$\frac{1}{2} + \frac{5}{1} = \frac{1 + 10}{2}$

$\frac{3}{1} - \frac{3}{4} = \frac{12 - 3}{4}$

$= \frac{11}{4} = \frac{11}{4} \cdot \frac{9}{9} = \frac{99}{36}$

K

F

9

Sep 7-10:36 AM

$$\begin{aligned}
 \frac{-\frac{5}{7} - \frac{1}{5}}{\frac{2}{1} - \frac{5}{8}} &= \frac{\frac{-15-7}{21}}{\frac{16-5}{8}} \\
 &= \frac{-\frac{22}{21} \cdot \frac{8}{8}}{\frac{11}{8} \cdot \frac{8}{8}} \\
 &= -\frac{\cancel{22}^2}{21} \cdot \frac{8}{\cancel{11}_1} \\
 &= -\frac{16}{21}
 \end{aligned}$$

Sep 7-10:44 AM