M65

6-18-14

(1

SQ1 # 6.

SIDEBAR QUIZ 1:

= Q1"

yellow pages.

nota = answer

none of the above

$5 + 10x + 15y + 15z$

$= 5 \cdot 1 + 5 \cdot 2x + 5 \cdot 3y + 5 \cdot 3z$

$= 5 \cdot (1 + 2x + 3y + 3z)$

$= 5 \cdot (1 + 3y + 2x + 3z)$

6-18-14

12

SQ1 #7

$$120 \cdot a + 240 \cdot b$$

$$= \underline{120} \cdot 1 \cdot a + \underline{120} \cdot 2 \cdot b$$

$$= \underline{120} \cdot (1 \cdot a + 2 \cdot b)$$

$$= 120(a + 2b)$$

(C)

SQ2 #2.

"Q2" on sidebar

$$\frac{420}{49} = \frac{2 \cdot 210}{7 \cdot 7} = \frac{2 \cdot 7 \cdot 30}{7 \cdot 7}$$

$$= \boxed{\frac{60}{7}}$$

(a)

SQ2 (#3) 6-18-14 (3)

$\frac{7}{8} + \frac{2}{3}$; LCD = 24

$\frac{24}{8} = 3$ $\quad \frac{7}{8} \cdot \frac{3}{3} + \frac{2}{3} \cdot \frac{8}{8}$

$\frac{24}{3} = 8$ $\quad = \frac{21}{24} + \frac{16}{24}$

$\frac{37}{24}$

QUESTION: $\frac{7}{8} + \frac{2}{8} = \frac{7+2}{8} = \frac{9}{8}$

6-18-14 (4

S2 # (8)

(e)

$\frac{3}{4} \Rightarrow 4\overline{)3.00}$ = 0.75

−28

20

20

THIS repeats

$\frac{6}{7} \Rightarrow 7\overline{)6.00000}$ = $0.\overline{857142}$ eventually it repeats:

56

40

35

50

49

10

7

30

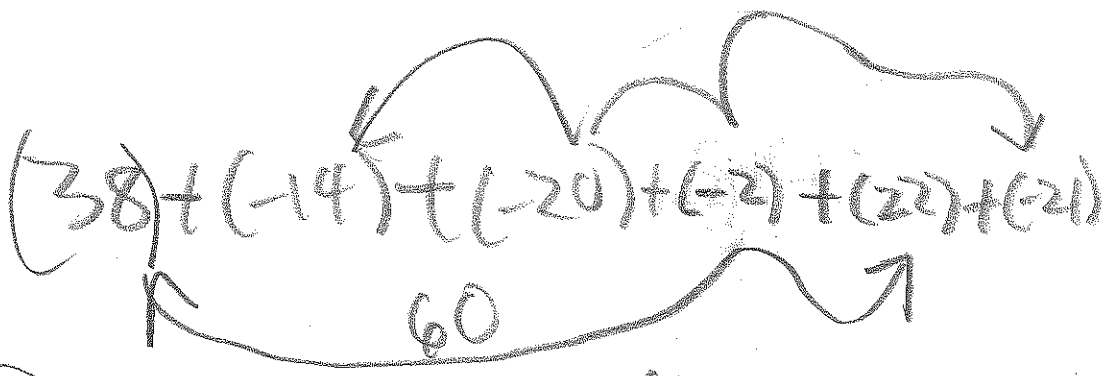
reason $\frac{6}{7}$ is rational.

6, 7 ARE integers.

6-18-14 (5

SQ2 #11

written



= POS(?)

consolidate ties and -ves

60 + (-57) = +(3)

= +(60-57)

= +(3)

= 3

6-18-14 (6.

503 #4

" Q3 sidebar

6 − 100

= 6 + (−100)

= − (positive)

= − (100 − 6)

= − (94)

= −94