

Name:

ANSWERS!

Period:



Communication



Successful Partnership



Encouragement



Solving Problem Together



Collaboration

Part 2-8 Classwork

Calculators OK

Question 01

A trail mix recipe calls for 2 cups of raisins for every 5 cups of cashews. Which one of the tables below shows this proportional relationship?

Raisins	2	3	4
Cashews	5	6	7

No!
 $\frac{2}{5} \neq \frac{3}{6}$
 $15 \neq 12$

Raisins	5	10	15
Cashews	2	4	6

No!
 Backwards!

Raisins	4	8	12
Cashews	10	20	30

Yes!
 $\frac{4}{10} = \frac{8}{20}$
 $80 = 80$
 $\frac{8}{20} = \frac{12}{30}$
 $240 = 240$

Question 02

A trail mix recipe calls for 5 cups of almonds for every 3 cups of walnuts. Which one of the tables below shows this proportional relationship?

Almonds	3	6	9
Walnuts	5	10	15

No!
 Backwards!

Almonds	5	7.5	20
Walnuts	3	4.5	12

Yes!
 $\frac{5}{3} = \frac{7.5}{4.5}$
 $22.5 = 22.5$
 $\frac{5}{3} = \frac{20}{12}$
 $60 = 60$

Almonds	5	10	20
Walnuts	3	6	16

No!
 $\frac{10}{6} \neq \frac{20}{16}$
 $120 \neq 160$

Question 03

A fruit punch recipe calls for 7 cups of apple juice for every 6 cups of grape juice. Which one of the tables below shows this proportional relationship?

Apple	14	28	35
Grape	12	24	30

Apple	7	14	16
Grape	6	12	14

Apple	6	12	60
Grape	7	14	70

Yes $\frac{7}{6} = \frac{14}{12}$ $\frac{7}{6} = \frac{35}{30}$
 $\frac{7}{6} = \frac{28}{24}$

No! $\frac{7}{6} \neq \frac{16}{14}$
 $96 \neq 98$

No! Backwards!

Question 04

A fruit punch recipe calls for 4 cups of orange juice for every 9 cups of cranberry juice. Which one of the tables below shows this proportional relationship?

Orange	4	18	36
Cranberry	9	8	16

Orange	4	8	16
Cranberry	9	18	36

Orange	9	18	16
Cranberry	4	8	36

No! Switched!

Yes $\frac{4}{9} = \frac{8}{18}$
 $\frac{4}{9} = \frac{16}{36}$

No! Backwards!

Question 05

A particular shade of green is made by using 8 gallons of blue paint and 5 gallons of yellow paint. Which one of the tables below shows this proportional relationship?

Blue	40	48	72
Yellow	25	30	45

Blue	8	32	48
Yellow	5	25	30

Blue	8	10	12
Yellow	5	7	9

Yes! $\frac{8}{5} = \frac{40}{25}$ $\frac{8}{5} = \frac{72}{45}$
 $\frac{8}{5} = \frac{48}{30}$

No! $\frac{8}{5} \neq \frac{32}{25}$
 $160 \neq 200$

No! $\frac{8}{5} \neq \frac{10}{7}$
 $50 \neq 56$