

Homework: Ratio Tables Multiple Choice

1. The ratio of students to adults on a field trip is 8 to 1. Which table correctly shows this ratio for each grade?

A

Grade	Number of Students	Number of Adults
6	96	88
7	120	112
8	136	128

C

Grade	Number of Students	Number of Adults
6	96	12
7	120	15
8	136	17

B

Grade	Number of Students	Number of Adults
6	96	104
7	120	128
8	136	144

D

Grade	Number of Students	Number of Adults
6	96	11
7	120	13
8	136	15

2. A machine fills boxes at a constant rate. At the end of 35 minutes, it has filled 5 boxes. Which table represents the relationship between the number of minutes the machine fills boxes and the number of boxes it has filled?

FILLING BOXES

A

Time (minutes)	Boxes Filled
7	1
14	2
21	3
28	4

FILLING BOXES

C

Time (minutes)	Boxes Filled
1	7
2	14
3	21
4	28

FILLING BOXES

B

Time (minutes)	Boxes Filled
5	1
10	2
15	3
20	4

FILLING BOXES

D

Time (minutes)	Boxes Filled
1	5
2	10
3	15
4	20

3. A bakery sells 5 apple muffins for every 2 bran muffins sold. Which table shows this ratio?

A

Apple	Bran
5	2
10	12
20	22

C

Apple	Bran
5	2
18	8
20	10

B

Apple	Bran
10	4
15	6
35	14

D

Apple	Bran
20	4
30	6
40	8

4. In 2010, Kim-Ly earned \$17.50 for 2 hours of work. Which table shows the relationship between the number of hours worked and Kim-Ly's total earnings, if her rate per hour is constant?

A

Number of Hours	Total Earnings
1	\$17.50
2	\$35.00
3	\$52.50
4	\$70.00

C

Number of Hours	Total Earnings
1	\$16.50
2	\$17.50
3	\$18.50
4	\$19.50

B

Number of Hours	Total Earnings
1	\$17.50
2	\$17.50
3	\$17.50
4	\$17.50

D

Number of Hours	Total Earnings
1	\$8.75
2	\$17.50
3	\$26.25
4	\$35.00