Ratio Tables

Name:_____ Date:_____

Complete the ratio tables.

1)

4		28	32
8	24		

2)

1			
9	45	54	18

3)

7	49	56	
3			33

4)

12		48	72
14	28		

5)

8	40		72
2		14	

6)

15		10	
75	70		135

7)

10			
13	26	65	91

8)

11	22		
2		8	16

9)

5		25	40
9	18		

10)

15			45
10	120	90	

11)

21		105	
10	40		60

12)

20	140	60	
17			102

Name: _____ Date _____

Topic : Ratio Tables - Worksheet 1

Complete the ratio tables

1

1		6	10
5	20		

2

		18	
9	18	27	36

3

5		15	
6	12		24

4

1	3	5	7
3			

5

1	2	3	4
			12

6

3		9	12
7	14		

7

10		30	40
5	10		

8

6		18	
7	14		28

9

6	12	18	24
4			

10

1	4	5	9
2			

Name: _____ Date _____

Topic : Ratio Tables - Worksheet 2

Complete the ratio tables

1

2		6	10
4	8		

2

		3	
7	14	21	28

3

8		40	48
5	10	25	30

4

2	6	8	10
5			

5

3	9	21	27
			36

6

4		12	16
6	12		

7

11		33	44
15	30		

8

5		15	
12	24		48

9

1	2	3	4
2			

10

2	4	8	10
3			

Name: _____ Date _____

Topic : Ratio Tables - Worksheet 3

Complete the ratio tables

1

1		3	6
7	14		

2

		3	
9	18	27	36

3

3		9	12
6	12	18	24

4

5	10	15	20
7			

5

8	16	24	32
			36

6

2		6	8
8	16		

7

10		30	40
15	30		

8

3		9	
12	24		48

9

4	8	12	16
5			

10

1	2	3	4
6			

Name: _____ Date _____

Topic : Ratio Tables - Worksheet 4

Complete the ratio tables

1

11		33	66
12	24		

2

		30	
9	18	27	36

3

9		27	36
15	30	45	60

4

3	9	12	15
9			

5

2	8	10	14
			56

6

4		12	16
7	14		

7

10		30	40
20	40		

8

5		15	
15	30		60

9

20	40	60	80
25			

10

1	2	3	4
9			

Solve each problem. Write your answer as an improper fraction.

1) $\frac{110}{12} - \frac{28}{12} =$

2) $\frac{17}{5} - \frac{16}{5} =$

3) $\frac{38}{6} - \frac{21}{6} =$

4) $\frac{27}{4} - \frac{18}{4} =$

5) $\frac{28}{3} - \frac{26}{3} =$

6) $\frac{71}{12} - \frac{39}{12} =$

7) $\frac{19}{6} + \frac{59}{6} =$

8) $\frac{101}{12} + \frac{113}{12} =$

9) $\frac{9}{2} + \frac{9}{2} =$

10) $\frac{17}{2} + \frac{15}{2} =$

11) $\frac{29}{5} + \frac{23}{5} =$

12) $\frac{37}{10} + \frac{43}{10} =$

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Solve each problem. Write your answer as an improper fraction.

1) $\frac{88}{12} - \frac{17}{12} =$

2) $\frac{18}{4} - \frac{14}{4} =$

3) $\frac{79}{10} - \frac{39}{10} =$

4) $\frac{71}{10} - \frac{46}{10} =$

5) $\frac{49}{6} - \frac{15}{6} =$

6) $\frac{92}{10} - \frac{35}{10} =$

7) $\frac{4}{3} + \frac{20}{3} =$

8) $\frac{36}{10} + \frac{28}{10} =$

9) $\frac{5}{2} + \frac{13}{2} =$

10) $\frac{38}{4} + \frac{11}{4} =$

11) $\frac{78}{12} + \frac{45}{12} =$

12) $\frac{13}{2} + \frac{13}{2} =$

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Solve each problem. Write your answer as an improper fraction.

1) $\frac{23}{3} - \frac{22}{3} =$

2) $\frac{52}{6} - \frac{41}{6} =$

3) $\frac{44}{5} - \frac{34}{5} =$

4) $\frac{58}{8} - \frac{47}{8} =$

5) $\frac{23}{6} - \frac{8}{6} =$

6) $\frac{14}{3} - \frac{13}{3} =$

7) $\frac{56}{12} + \frac{102}{12} =$

8) $\frac{93}{12} + \frac{95}{12} =$

9) $\frac{105}{12} + \frac{74}{12} =$

10) $\frac{21}{10} + \frac{17}{10} =$

11) $\frac{21}{4} + \frac{29}{4} =$

12) $\frac{42}{10} + \frac{89}{10} =$

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Solve each problem. Write your answer as an improper fraction.

1) $\frac{34}{8} - \frac{33}{8} =$

2) $\frac{76}{8} - \frac{62}{8} =$

3) $\frac{23}{3} - \frac{11}{3} =$

4) $\frac{38}{4} - \frac{23}{4} =$

5) $\frac{46}{6} - \frac{25}{6} =$

6) $\frac{48}{5} - \frac{14}{5} =$

7) $\frac{83}{10} + \frac{77}{10} =$

8) $\frac{23}{4} + \frac{35}{4} =$

9) $\frac{34}{6} + \frac{43}{6} =$

10) $\frac{38}{5} + \frac{32}{5} =$

11) $\frac{8}{6} + \frac{11}{6} =$

12) $\frac{19}{2} + \frac{11}{2} =$

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Adding & Subtracting Mixed Number Fractions

Name:

Solve each problem. Write your answer as an improper fraction.

1) $8\frac{6}{8} - 1\frac{5}{8} =$

2) $7\frac{1}{2} - 1\frac{1}{2} =$

3) $6\frac{6}{8} - 4\frac{3}{8} =$

4) $7\frac{1}{2} - 4\frac{1}{2} =$

5) $8\frac{2}{6} - 6\frac{4}{6} =$

6) $7\frac{1}{2} - 5\frac{1}{2} =$

7) $8\frac{3}{8} + 4\frac{5}{8} =$

8) $9\frac{1}{4} + 4\frac{2}{4} =$

9) $4\frac{2}{6} + 9\frac{5}{6} =$

10) $9\frac{2}{10} + 8\frac{8}{10} =$

11) $8\frac{8}{10} + 8\frac{1}{10} =$

12) $8\frac{1}{3} + 5\frac{2}{3} =$

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Solve each problem. Write your answer as an improper fraction.

1) $6\frac{1}{6} - 1\frac{3}{6} =$

2) $7\frac{4}{10} - 5\frac{5}{10} =$

3) $4\frac{3}{4} - 2\frac{2}{4} =$

4) $9\frac{1}{4} - 7\frac{3}{4} =$

5) $9\frac{3}{12} - 7\frac{4}{12} =$

6) $6\frac{1}{5} - 2\frac{1}{5} =$

7) $5\frac{4}{6} + 2\frac{2}{6} =$

8) $4\frac{4}{10} + 6\frac{4}{10} =$

9) $8\frac{7}{8} + 2\frac{2}{8} =$

10) $9\frac{1}{2} + 9\frac{1}{2} =$

11) $7\frac{7}{12} + 3\frac{5}{12} =$

12) $2\frac{1}{6} + 1\frac{3}{6} =$

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Solve each problem. Write your answer as an improper fraction.

1) $6\frac{6}{8} - 1\frac{6}{8} =$

2) $9\frac{3}{4} - 8\frac{3}{4} =$

3) $9\frac{1}{3} - 4\frac{1}{3} =$

4) $8\frac{4}{12} - 3\frac{9}{12} =$

5) $9\frac{4}{6} - 9\frac{2}{6} =$

6) $8\frac{9}{10} - 1\frac{5}{10} =$

7) $4\frac{5}{10} + 6\frac{5}{10} =$

8) $2\frac{1}{2} + 7\frac{1}{2} =$

9) $7\frac{3}{6} + 9\frac{3}{6} =$

10) $5\frac{6}{8} + 2\frac{6}{8} =$

11) $4\frac{1}{3} + 2\frac{1}{3} =$

12) $6\frac{5}{10} + 1\frac{2}{10} =$

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Solve each problem. Write your answer as an improper fraction.

1) $9\frac{8}{10} - 7\frac{4}{10} =$

2) $7\frac{8}{12} - 3\frac{1}{12} =$

3) $6\frac{3}{5} - 3\frac{2}{5} =$

4) $8\frac{1}{3} - 6\frac{2}{3} =$

5) $7\frac{6}{10} - 6\frac{3}{10} =$

6) $9\frac{1}{2} - 6\frac{1}{2} =$

7) $2\frac{3}{12} + 5\frac{1}{12} =$

8) $2\frac{3}{4} + 6\frac{3}{4} =$

9) $1\frac{1}{2} + 9\frac{1}{2} =$

10) $9\frac{2}{5} + 5\frac{1}{5} =$

11) $3\frac{3}{8} + 3\frac{4}{8} =$

12) $2\frac{1}{10} + 5\frac{4}{10} =$

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Determine which letter best answers each question.

1) Which number is a factor of 10, but not a multiple of 2?
A. 6
B. 4
C. 5
D. 8

2) Which number is a factor of 24, but not a multiple of 6?
A. 7
B. 8
C. 12
D. 10

3) Which number is a factor of 16, but not a multiple of 4?
A. 8
B. 2
C. 6
D. 10

4) Which number is a factor of 10, but not a multiple of 5?
A. 8
B. 6
C. 2
D. 4

5) Which number is a factor of 16, but not a multiple of 8?
A. 12
B. 10
C. 4
D. 6

6) Which number is a factor of 20, but not a multiple of 10?
A. 12
B. 6
C. 5
D. 15

7) Which number is a factor of 12, but not a multiple of 4?
A. 6
B. 8
C. 10
D. 9

8) Which number is a factor of 12, but not a multiple of 2?
A. 8
B. 6
C. 4
D. 3

9) Which number is a factor of 18, but not a multiple of 6?
A. 9
B. 12
C. 8
D. 10

10) Which number is a factor of 12, but not a multiple of 6?
A. 4
B. 8
C. 9
D. 10

11) Which number is a factor of 18, but not a multiple of 3?
A. 6
B. 2
C. 8
D. 9

12) Which number is a factor of 15, but not a multiple of 3?
A. 5
B. 4
C. 6
D. 8

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Determine which letter best answers each question.

1) Which number is a factor of 20, but not a multiple of 2?
A. 4
B. 10
C. 12
D. 5

2) Which number is a factor of 10, but not a multiple of 5?
A. 6
B. 4
C. 2
D. 8

3) Which number is a factor of 16, but not a multiple of 8?
A. 4
B. 10
C. 6
D. 12

4) Which number is a factor of 14, but not a multiple of 2?
A. 7
B. 3
C. 5
D. 4

5) Which number is a factor of 18, but not a multiple of 6?
A. 12
B. 9
C. 8
D. 10

6) Which number is a factor of 12, but not a multiple of 6?
A. 9
B. 8
C. 4
D. 10

7) Which number is a factor of 10, but not a multiple of 2?
A. 8
B. 4
C. 6
D. 5

8) Which number is a factor of 24, but not a multiple of 12?
A. 5
B. 7
C. 8
D. 9

9) Which number is a factor of 24, but not a multiple of 2?
A. 4
B. 8
C. 3
D. 6

10) Which number is a factor of 20, but not a multiple of 10?
A. 12
B. 15
C. 5
D. 6

11) Which number is a factor of 22, but not a multiple of 2?
A. 11
B. 6
C. 7
D. 4

12) Which number is a factor of 24, but not a multiple of 8?
A. 9
B. 6
C. 7
D. 10

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Determine which letter best answers each question.

1) Which number is a factor of 16, but not a multiple of 4?
A. 2
B. 8
C. 10
D. 6

2) Which number is a factor of 18, but not a multiple of 9?
A. 8
B. 5
C. 4
D. 6

3) Which number is a factor of 20, but not a multiple of 2?
A. 4
B. 5
C. 12
D. 10

4) Which number is a factor of 21, but not a multiple of 7?
A. 5
B. 2
C. 3
D. 4

5) Which number is a factor of 21, but not a multiple of 3?
A. 7
B. 2
C. 5
D. 4

6) Which number is a factor of 20, but not a multiple of 10?
A. 5
B. 6
C. 15
D. 12

7) Which number is a factor of 15, but not a multiple of 5?
A. 3
B. 10
C. 6
D. 9

8) Which number is a factor of 24, but not a multiple of 8?
A. 6
B. 7
C. 9
D. 10

9) Which number is a factor of 14, but not a multiple of 7?
A. 8
B. 12
C. 2
D. 4

10) Which number is a factor of 15, but not a multiple of 3?
A. 5
B. 6
C. 4
D. 8

11) Which number is a factor of 22, but not a multiple of 2?
A. 11
B. 4
C. 7
D. 6

12) Which number is a factor of 24, but not a multiple of 2?
A. 3
B. 8
C. 4
D. 6

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Determine which letter best answers each question.

1) Which number is a factor of 24, but not a multiple of 8?
A. 10
B. 7
C. 6
D. 9

2) Which number is a factor of 12, but not a multiple of 3?
A. 4
B. 6
C. 9
D. 8

3) Which number is a factor of 18, but not a multiple of 2?
A. 9
B. 6
C. 8
D. 4

4) Which number is a factor of 18, but not a multiple of 9?
A. 6
B. 4
C. 8
D. 5

5) Which number is a factor of 24, but not a multiple of 4?
A. 8
B. 6
C. 12
D. 9

6) Which number is a factor of 20, but not a multiple of 5?
A. 6
B. 8
C. 4
D. 10

7) Which number is a factor of 21, but not a multiple of 3?
A. 4
B. 2
C. 7
D. 5

8) Which number is a factor of 20, but not a multiple of 4?
A. 5
B. 8
C. 6
D. 12

9) Which number is a factor of 8, but not a multiple of 4?
A. 3
B. 2
C. 5
D. 6

10) Which number is a factor of 24, but not a multiple of 3?
A. 8
B. 6
C. 9
D. 12

11) Which number is a factor of 12, but not a multiple of 2?
A. 3
B. 4
C. 8
D. 6

12) Which number is a factor of 24, but not a multiple of 2?
A. 3
B. 4
C. 8
D. 6

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Determine which letter best answers each question.

1) Which number is a factor of 22, but not a multiple of 2?
A. 4
B. 6
C. 11
D. 7

2) Which number is a factor of 16, but not a multiple of 8?
A. 10
B. 12
C. 4
D. 6

3) Which number is a factor of 24, but not a multiple of 2?
A. 8
B. 4
C. 3
D. 6

4) Which number is a factor of 18, but not a multiple of 9?
A. 4
B. 5
C. 6
D. 8

5) Which number is a factor of 24, but not a multiple of 8?
A. 10
B. 6
C. 9
D. 7

6) Which number is a factor of 12, but not a multiple of 2?
A. 8
B. 3
C. 6
D. 4

7) Which number is a factor of 15, but not a multiple of 3?
A. 5
B. 4
C. 6
D. 8

8) Which number is a factor of 14, but not a multiple of 7?
A. 12
B. 4
C. 8
D. 2

9) Which number is a factor of 21, but not a multiple of 7?
A. 3
B. 4
C. 2
D. 5

10) Which number is a factor of 24, but not a multiple of 3?
A. 6
B. 12
C. 8
D. 9

11) Which number is a factor of 14, but not a multiple of 2?
A. 4
B. 3
C. 5
D. 7

12) Which number is a factor of 12, but not a multiple of 3?
A. 9
B. 6
C. 4
D. 8

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Determine which letter best answers each question.

1) Which number is a factor of 10, but not a multiple of 2?
A. 8
B. 4
C. 5
D. 6

2) Which number is a factor of 12, but not a multiple of 6?
A. 4
B. 10
C. 9
D. 8

3) Which number is a factor of 24, but not a multiple of 6?
A. 10
B. 7
C. 12
D. 8

4) Which number is a factor of 22, but not a multiple of 2?
A. 6
B. 4
C. 7
D. 11

5) Which number is a factor of 20, but not a multiple of 2?
A. 5
B. 12
C. 4
D. 10

6) Which number is a factor of 16, but not a multiple of 4?
A. 2
B. 10
C. 6
D. 8

7) Which number is a factor of 24, but not a multiple of 3?
A. 8
B. 12
C. 6
D. 9

8) Which number is a factor of 20, but not a multiple of 4?
A. 5
B. 12
C. 8
D. 6

9) Which number is a factor of 22, but not a multiple of 11?
A. 4
B. 2
C. 6
D. 5

10) Which number is a factor of 24, but not a multiple of 4?
A. 9
B. 12
C. 8
D. 6

11) Which number is a factor of 18, but not a multiple of 9?
A. 5
B. 6
C. 4
D. 8

12) Which number is a factor of 8, but not a multiple of 4?
A. 2
B. 3
C. 5
D. 6

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Identifying Factors

Name:

List the factors for each of the numbers.

Factors are the numbers you multiply together to get another number.

Factors of 12 1 , 2 , 3 , 4 , 6 , 12 $1 \times 12 = 12$ $2 \times 6 = 12$ $3 \times 4 = 12$

**Note: Negative numbers can also be factors. (Ie. -1, -2, -3, -4, -6, -12)*

1) 12 _____ , _____ , _____ , _____ , _____ , _____

2) 61 _____ , _____

3) 69 _____ , _____ , _____ , _____

4) 6 _____ , _____ , _____ , _____

5) 21 _____ , _____ , _____ , _____

6) 51 _____ , _____ , _____ , _____

7) 22 _____ , _____ , _____ , _____

8) 25 _____ , _____ , _____

9) 43 _____ , _____

10) 62 _____ , _____ , _____ , _____

11) 61 _____ , _____

12) 16 _____ , _____ , _____ , _____ , _____

13) 98 _____ , _____ , _____ , _____ , _____ , _____

14) 86 _____ , _____ , _____ , _____

15) 29 _____ , _____

1-10	93	87	80	73	67	60	53	47	40	33
11-15	27	20	13	7	0					

List the factors for each of the numbers.

Factors are the numbers you multiply together to get another number.

Factors of 12 1 , 2 , 3 , 4 , 6 , 12 $1 \times 12 = 12$ $2 \times 6 = 12$ $3 \times 4 = 12$

**Note: Negative numbers can also be factors. (Ie. -1, -2, -3, -4, -6, -12)*

1) 29 _____ , _____

2) 27 _____ , _____ , _____ , _____

3) 69 _____ , _____ , _____ , _____

4) 98 _____ , _____ , _____ , _____ , _____ , _____

5) 92 _____ , _____ , _____ , _____ , _____ , _____

6) 87 _____ , _____ , _____ , _____

7) 29 _____ , _____

8) 45 _____ , _____ , _____ , _____ , _____ , _____

9) 97 _____ , _____

10) 72 _____ , _____ , _____ , _____ , _____ , _____ , _____ , _____ , _____ , _____ , _____ , _____

11) 30 _____ , _____ , _____ , _____ , _____ , _____ , _____ , _____

12) 25 _____ , _____ , _____

13) 33 _____ , _____ , _____ , _____

14) 76 _____ , _____ , _____ , _____ , _____ , _____

15) 76 _____ , _____ , _____ , _____ , _____ , _____

1-10	93	87	80	73	67	60	53	47	40	33
11-15	27	20	13	7	0					

List the factors for each of the numbers.

Factors are the numbers you multiply together to get another number.

Factors of 12 1 , 2 , 3 , 4 , 6 , 12 $1 \times 12 = 12$ $2 \times 6 = 12$ $3 \times 4 = 12$

**Note: Negative numbers can also be factors. (Ie. -1, -2, -3, -4, -6, -12)*

1) 67 _____ , _____

2) 47 _____ , _____

3) 59 _____ , _____

4) 89 _____ , _____

5) 40 _____ , _____ , _____ , _____ , _____ , _____ , _____ , _____

6) 77 _____ , _____ , _____ , _____

7) 42 _____ , _____ , _____ , _____ , _____ , _____ , _____ , _____

8) 82 _____ , _____ , _____ , _____

9) 81 _____ , _____ , _____ , _____ , _____

10) 99 _____ , _____ , _____ , _____ , _____ , _____

11) 44 _____ , _____ , _____ , _____ , _____ , _____

12) 93 _____ , _____ , _____ , _____

13) 49 _____ , _____ , _____

14) 52 _____ , _____ , _____ , _____ , _____ , _____

15) 73 _____ , _____

1-10	93	87	80	73	67	60	53	47	40	33
11-15	27	20	13	7	0					

List the factors for each of the numbers.

Factors are the numbers you multiply together to get another number.

Factors of 12 1 , 2 , 3 , 4 , 6 , 12 $1 \times 12 = 12$ $2 \times 6 = 12$ $3 \times 4 = 12$

**Note: Negative numbers can also be factors. (Ie. -1, -2, -3, -4, -6, -12)*

1) 55 _____ , _____ , _____ , _____

2) 25 _____ , _____ , _____

3) 3 _____ , _____

4) 34 _____ , _____ , _____ , _____

5) 84 _____ , _____ , _____ , _____ , _____ , _____ , _____ , _____ , _____ , _____ , _____ , _____

6) 7 _____ , _____

7) 82 _____ , _____ , _____ , _____

8) 97 _____ , _____

9) 49 _____ , _____ , _____

10) 9 _____ , _____ , _____

11) 41 _____ , _____

12) 62 _____ , _____ , _____ , _____

13) 19 _____ , _____

14) 41 _____ , _____

15) 64 _____ , _____ , _____ , _____ , _____ , _____ , _____

1-10	93	87	80	73	67	60	53	47	40	33
11-15	27	20	13	7	0					