

Math 6 - Unit 2: Ratios, Rates, Proportions

Ratio Tables

Name: _____

Class Period: 1 2 3 4 Date: _____

A ratio table is made up of equivalent ratios. You can simplify ratios and use what you know about equivalent ratios (and fractions) to determine the missing values in the tables below.

SET A

1)

1		6	10
5	20		

6)

		18	
9	18	27	36

2)

5		15	
6	12		24

7)

1	3	5	7
3			

3)

1	2	3	4
			12

8)

3		9	12
7	14		

4)

10		30	40
5	10		

9)

6		18	
7	14		28

5)

6	12	18	24
4			

10)

1	4	5	9
2			

SET B

11)

2		6	10
4	8		

16)

		3	
7	14	21	28

12)

8		40	48
5	10	25	30

17)

2	6	8	10
5			

13)

3	9	21	27
			36

18)

4		12	16
6	12		

14)

11		33	44
15	30		

19)

5		15	
12	24		48

15)

1	2	3	4
2			

20)

2	4	8	10
3			

Math 6 - Unit 2: Ratios, Rates, Proportions
Ratio Tables **CHALLENGE PROBLEMS**

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SET E

1)

1.2		4.8	
3	9		15

6)

1	2		
	5	15	100

2)

2	3		54
4		16	

7)

1	2.5		
	10	25	45

3)

4.5	9		31.5
9		27	

8)

	24		15
2	32	10	

4)

	2		
4	8	12	16

9)

6.5	13	26	32.5
	39		

5)

4.5			22.5
	10	15	25

10)

		5	
4	8	16	32

SET F

11)

3.7		25.9	
1.2	4.8		14.4

16)

1	2	3	4
10.2			

12)

$\frac{1}{2}$			
2	4	6	8

17)

3		36	
8	64		152

13)

1			
4	7	14	28

18)

	3.3		7.7
11	33	55	

14)

	3.6		
7	14	28	112

19)

9	6		45
	8	16	

15)

$\frac{1}{4}$		$\frac{3}{4}$	
	6	9	18

20)

	10.5		4.5
3		30	9

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Ratio Tables

ANSWER KEY

A ratio table is made up of equivalent ratios. You can simplify ratios and use what you know about equivalent ratios (and fractions) to determine the missing values in the tables below.

Name: _____

Class Period: 1 2 3 4 Date: _____

SET A

1)

1	4	6	10
5	20	30	50

6)

6	12	18	24
9	18	27	36

2)

5	10	15	20
6	12	18	24

7)

1	3	5	7
3	9	15	21

3)

1	2	3	4
3	6	9	12

8)

3	6	9	12
7	14	21	28

4)

10	20	30	40
5	10	15	20

9)

6	12	18	24
7	14	21	28

5)

6	12	18	24
4	8	12	16

10)

1	4	5	9
2	8	10	18

SET B

11)

2	4	6	10
4	8	12	20

16)

1	2	3	4
7	14	21	28

12)

8	16	40	48
5	10	25	30

17)

2	6	8	10
5	15	20	25

13)

3	9	21	27
4	12	28	36

18)

4	8	12	16
6	12	18	24

14)

11	22	33	44
15	30	45	60

19)

5	10	15	20
12	24	36	48

15)

1	2	3	4
2	4	6	8

20)

2	4	8	10
3	6	12	15

Math 6 - Unit 2: Ratios, Rates, ProportionsRatio Tables **CHALLENGE PROBLEMS****ANSWER KEY**

Name: _____

Class Period: 1 2 3 4 Date: _____

A ratio table is made up of equivalent ratios. You can simplify ratios and use what you know about equivalent ratios (and fractions) to determine the missing values in the tables below.

SET E

1)

1.2	14.8	4.8	44.4
3	9	8.4	15

2)

2	3	8	54
4	6	16	108

3)

4.5	9	13.5	31.5
9	18	27	7

4)

1	2	3	4
4	8	12	16

5)

4.5	9	13.5	22.5
5	10	15	25

6)

1	2	6	40
2.5	5	15	100

7)

1	2.5	6.25	11.25
4	10	25	45

8)

1.5	24	7.5	15
2	32	10	20

9)

6.5	13	26	32.5
19.5	39	78	97.5

10)

1.25	2.5	5	10
4	8	16	32

SET F

11)

3.7	14.8	25.9	44.4
1.2	4.8	8.4	14.4

12)

$\frac{1}{2}$	1	$\frac{3}{2}$	2
2	4	6	8

13)

1	1.75	3.5	7
4	7	14	28

14)

1.8	3.6	7.2	28.8
7	14	28	112

15)

$\frac{1}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{3}{2}$
3	6	9	18

16)

1	2	3	4
10.2	20.4	30.6	40.8

17)

3	24	36	57
8	64	96	152

18)

1.1	3.3	5.5	7.7
11	33	55	77

19)

9	6	12	45
12	8	16	60

20)

1.5	10.5	15	4.5
3	21	30	9