

Name: _____

Grade: _____

Score: _____

Worksheet #1



Equivalent Ratios-matching pairs

Learning goal: Students will be able to identify and generate equivalent ratios by simplifying them using the greatest common factor and scaling them up or down proportionally.

Instructions: Match the Ratios.

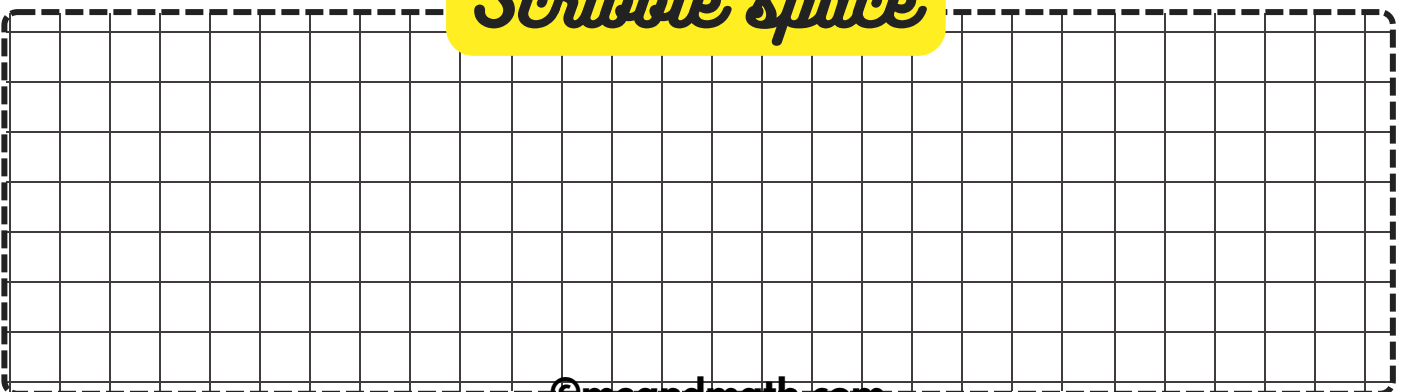
a) 2 : 3	i) 1 : 2
b) 4 : 6	ii) 9 : 15
c) 3 : 5	iii) 8 : 12
d) 5 : 10	iv) 6 : 9

a) 5 : 8	i) 14 : 18
b) 7 : 9	ii) 10 : 16
c) 6 : 11	iii) 1 : 3
d) 4 : 12	iv) 12 : 22

Instructions: Circle the equivalent pairs.

- | | | | |
|------------------|--------------------|------------------|-------------------|
| a) 51:10 and 1:2 | b) 4:6 and 18:12 | c) 6:9 and 2:3 | d) 17:14 and 2:4 |
| a) 31:5 and 6:10 | b) 6:12 and 4:6 | c) 8:15 and 1:3 | d) 7:9 and 14:18 |
| a) 2:8 and 6:24 | b) 15:12 and 10:24 | c) 2:7 and 9:21 | d) 8:12 and 3:4 |
| a) 8:8 and 10:20 | b) 6:12 and 3:6 | c) 7:8 and 10:16 | d) 8:11 and 14:22 |
| a) 7:12 and 3:4 | b) 5:12 and 11:24 | c) 7:16 and 2:4 | d) 9:11 and 18:22 |
| a) 3:6 and 1:2 | b) 4:5 and 8:9 | c) 5:15 and 1:3 | d) 8:14 and 2:4 |

Scribble space



Name:

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Worksheet #1(Answers)



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Instructions: Match the Ratios.

a) 2 : 3	i) 1 : 2
b) 4 : 6	ii) 9 : 15
c) 3 : 5	iii) 8 : 12
d) 5 : 10	iv) 6 : 9

a) 5 : 8	i) 14 : 18
b) 7 : 9	ii) 10 : 16
c) 6 : 11	iii) 1 : 3
d) 4 : 12	iv) 12 : 22

a) iv b) iii c) ii d) i

a) ii b) i c) iv d) iii

Instructions: Circle the equivalent pairs.

- a) 51:10 and 1:2 b) 4:6 and 18:12 **c) 6:9 and 2:3** d) 17:14 and 2:4
 a) 31:5 and 6:10 b) 6:12 and 4:6 c) 8:15 and 1:3 **d) 7:9 and 14:18**
a) 2:8 and 6:24 b) 15:12 and 10:24 c) 2:7 and 9:21 d) 8:12 and 3:4
 a) 8:8 and 10:20 **b) 6:12 and 3:6** c) 7:8 and 10:16 d) 8:11 and 14:22
 a) 7:12 and 3:4 b) 5:12 and 11:24 c) 7:16 and 2:4 **d) 9:11 and 18:22**
a) 3:6 and 1:2 b) 4:5 and 8:9 **c) 5:15 and 1:3** d) 8:14 and 2:4

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