

Name:

Grade:

Score:

Worksheet #5



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.

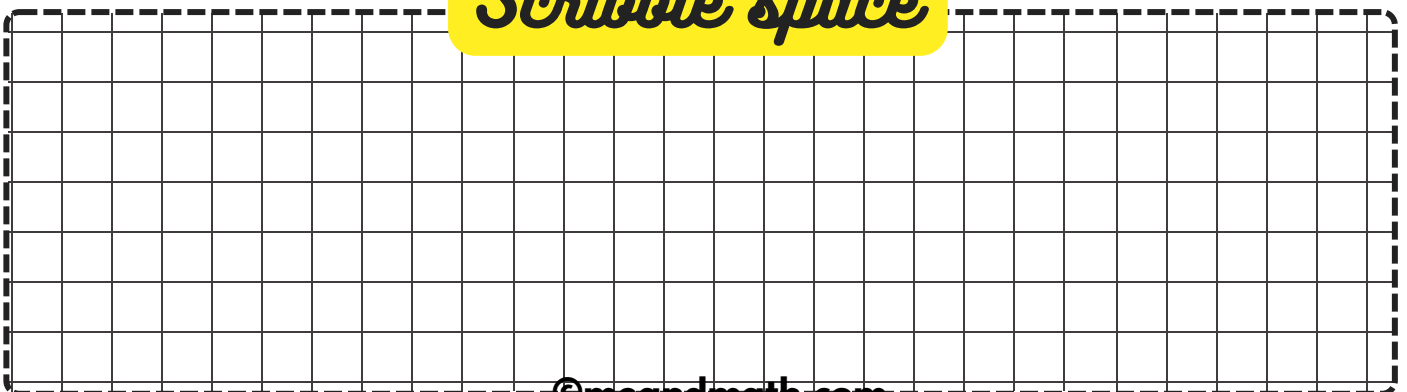
a) 9 : 11	i) 10 : 16
b) 4 : 7	ii) 18 : 22
c) 2 : 6	iii) 8 : 14
d) 5 : 8	iv) 1 : 3

a) 2 : 7	i) 10 : 16
b) 5 : 8	ii) 4 : 14
c) 3 : 5	iii) 8 : 18
d) 4 : 9	iv) 6 : 10

Instructions: Circle the equivalent pairs.

- | | | | |
|-----------------|------------------|-------------------|-------------------|
| a) 3:6 and 1:2 | b) 4:5 and 8:9 | c) 5:15 and 1:3 | d) 7:14 and 2:4 |
| a) 2:5 and 6:15 | b) 4:7 and 8:14 | c) 5:12 and 10:25 | d) 3:9 and 1:2 |
| a) 6:10 and 3:5 | b) 2:3 and 8:12 | c) 5:8 and 10:16 | d) 7:9 and 14:18 |
| a) 3:8 and 9:27 | b) 5:6 and 10:12 | c) 7:11 and 14:22 | d) 4:9 and 8:19 |
| a) 2:3 and 6:8 | b) 5:10 and 2:4 | c) 7:8 and 14:16 | d) 3:7 and 9:21 |
| a) 4:10 and 2:5 | b) 8:12 and 3:5 | c) 5:15 and 1:3 | d) 9:11 and 18:20 |

Scribble space



Name: _____

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Worksheet #5 (Answers)



Equivalent Ratios-matching pairs

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Instructions: Match the Ratios.

a) 9 : 11	i) 10 : 16
b) 4 : 7	ii) 18 : 22
c) 2 : 6	iii) 8 : 14
d) 5 : 8	iv) 1 : 3

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

a) 2 : 7	i) 10 : 16
b) 5 : 8	ii) 4 : 14
c) 3 : 5	iii) 8 : 18
d) 4 : 9	iv) 6 : 10

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

Instructions: Circle the equivalent pairs.

- | | | | |
|-----------------|------------------|-------------------|-------------------|
| a) 3:6 and 1:2 | b) 4:5 and 8:9 | c) 5:15 and 1:3 | d) 7:14 and 2:4 |
| a) 2:5 and 6:15 | b) 4:7 and 8:14 | c) 5:12 and 10:25 | d) 3:9 and 1:2 |
| a) 6:10 and 3:5 | b) 2:3 and 8:12 | c) 5:8 and 10:16 | d) 7:9 and 14:18 |
| a) 3:8 and 9:27 | b) 5:6 and 10:12 | c) 7:11 and 14:22 | d) 4:9 and 8:19 |
| a) 2:3 and 6:8 | b) 5:10 and 2:4 | c) 7:8 and 14:16 | d) 3:7 and 9:21 |
| a) 4:10 and 2:5 | b) 8:12 and 3:5 | c) 5:15 and 1:3 | d) 9:11 and 18:20 |

Scribble space