

Name:

Grade:

Score:

Worksheet #4



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

a) 4 : 9	i) 9 : 30
b) 7 : 8	ii) 12 : 27
c) 5 : 6	iii) 10 : 12
d) 3 : 10	iv) 14 : 16

Instructions: Circle the equivalent pairs.

- | | | | |
|-------------------|------------------|-------------------|--------------------|
| a) 2:4 and 5:10 | b) 3:7 and 9:18 | c) 4:7 and 8:14 | d) 6:10 and 3:5 |
| a) 5:12 and 10:24 | b) 7:9 and 14:18 | c) 8:16 and 4:8 | d) 19:11 and 18:22 |
| a) 2:6 and 6:12 | b) 3:6 and 9:18 | c) 4:18 and 10:20 | d) 5:10 and 15:30 |
| a) 7:16 and 2:4 | b) 5:6 and 10:12 | c) 3:9 and 1:3 | d) 8:12 and 4:6 |
| a) 4:9 and 8:18 | b) 8:10 and 3:5 | c) 1:5 and 6:15 | d) 7:11 and 14:22 |
| a) 9:18 and 4:8 | b) 14:8 and 7:14 | c) 5:10 and 1:3 | d) 7:21 and 2:4 |

Scribble space

Name:

Grade:

Score:

Worksheet #4 (Answers)



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a) 2 : 5	i) 10 : 14
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d) 5 : 7	iv) 9 : 12

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

a) 4 : 9	i) 9 : 30
b) 7 : 8	ii) 12 : 27
c) 5 : 6	iii) 10 : 12
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a) ii, b) iv, c) iii, d) i

Instructions: Circle the equivalent pairs.

- | | | | |
|-------------------|------------------|-------------------|--------------------|
| a) 2:4 and 5:10 | b) 3:7 and 9:18 | c) 4:7 and 8:14 | d) 6:10 and 3:5 |
| a) 5:12 and 10:24 | b) 7:9 and 14:18 | c) 8:16 and 4:8 | d) 19:11 and 18:22 |
| a) 2:6 and 6:12 | b) 3:6 and 9:18 | c) 4:18 and 10:20 | d) 5:10 and 15:30 |
| a) 7:16 and 2:4 | b) 5:6 and 10:12 | c) 3:9 and 1:3 | d) 8:12 and 4:6 |
| a) 4:9 and 8:18 | b) 8:10 and 3:5 | c) 1:5 and 6:15 | d) 7:11 and 14:22 |
| a) 9:18 and 4:8 | b) 14:8 and 7:14 | c) 5:10 and 1:3 | d) 7:21 and 2:4 |

Scribble space