

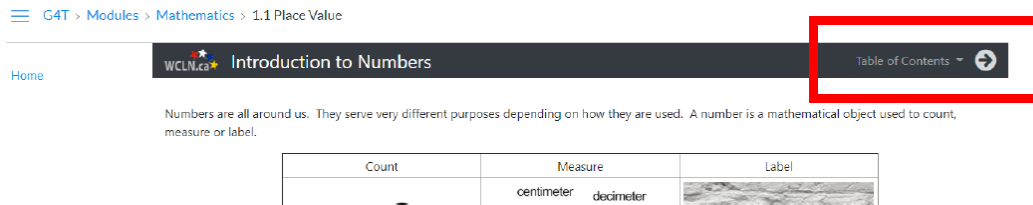
Grade 7 Mathematics
Week of December 18 – December 22

Lesson 4.2: Equivalent Ratios

Lesson Materials

- Lessons for Section [4.2 Equivalent Ratios](#)
- Learning Guide (This PDF)

Use the link above to open the lessons for this section. Remember: on the lesson page, use the arrow next to the “Table of Contents” at the **top of the page** to move through the lessons. You can also click on the Table of Contents to open the menu so you can jump to a specific lesson page.



Work through the online lessons for this section. You can work at your own pace or follow the suggested schedule below. Complete the activities in your Learning Guide as you work through the lessons. You can print the Learning Guide, or, copy out the questions on a separate piece of paper. Be sure to try the games and practice quizzes as you make your way through the online lesson book.

Suggested Lesson Schedule

<p>Monday</p> <ul style="list-style-type: none">• Equivalent Ratios• Practice• Practice• LG 4.2 p. 4, #1 <p>Tuesday</p> <ul style="list-style-type: none">• Simplest Form• Practice #1• LG p. 4, #2 <p>Wednesday</p> <ul style="list-style-type: none">• Solving Problems• Practice #2• LG p. 4, #3	<p>Thursday</p> <ul style="list-style-type: none">• Comparing Ratios• LG p. 5, #4 <p>Friday</p> <ul style="list-style-type: none">• Truffles• Example• LG p. 5-6, #5-6
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4.2 EQUIVALENT RATIOS

1. Complete each table of equivalent ratios.

Ex.

9: 18		
1: 2	3: 6	18 :36

c.

10: 14		
5:_____	30:_____	_____:28

a.

6: 9		
2:_____	12:_____	_____:27

d.

75: 100		
3:_____	_____:12	_____:20

b.

15: 25		
3:_____	_____:50	60:_____

e.

20: 30		
2:_____	_____:15	_____:150

2. Match each ratio with its simplest form.

- | | |
|-------------|--------------|
| a. 60:90 | 1:2 |
| b. 56:63 | 1:3 |
| c. 25:100 | 8:9 |
| d. 500:1000 | 11:23 |
| e. 22:46 | 2:3 |
| f. 36:48 | 3:4 |
| g. 27:30 | 1:4 |
| h. 13:39 | 9:10 |

3. Solve the following problems. *Reminder: Keep track of when you are dealing with part-to-part ratios and part-to-whole ratios.*

- a. There are 50 teenagers at a swim meet. The ratio of locals to out-of-town participants is 2:3. How many teenagers travelled from out-of-town to the swim meet?

