Section 5.2 Notes: Ratio Tables

Key Vocabulary

Equivalent Ratios

two ratios that represent the same ratio when simplified Ex) 1:2 and 4:8

Ratio Tables

a visual tool we can use to help organize a find equivalent ratios

Key Concept

Completing Ratio Tables (Multiplication Method)

* using the given ratio, decide what you need to multiply by to get the new value in the ratio and make the same change to get the missing piece

Ex)

3	12
4	16

(×4 across; ×4 down)

Equivalent Ratios:
3 to 4 and 12 to 16

Examples: Find the missing values in the ratio tables. Then write the equivalent ratios.

1)

Shirts	3	6	24
Pants	1	2	8

(×2 across; ×8 down)

Equivalent Ratios: 3 to 1
6 to 2
24 to 8

2)

Pens	2	10	18
Pencils	5	25	45

(×5 across; ×9 down)

Equivalent Ratios: 2 to 5
10 to 25
18 to 45