

Representation glossary

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Complete group

One matched set containing both named quantities. For 3 stars:5 circles, a complete group has 3 stars and 5 circles.

Ratio order

The first number names the first quantity and the second names the second quantity. Stars:circles = 3:5 is different from circles:stars = 5:3.

Equivalent ratios

Different counts with the same relationship. Two complete 3:5 groups give 6:10. A smaller version may also be equivalent when the quantities permit it.

Ratio table

Keep each labeled pair in the same row. The row 6 stars, 10 circles corresponds to two complete 3-and-5 groups.

Complete groups	Stars	Circles
1	3	5
2	6	10

A note about addition

Adding another complete 3:5 group is valid. Adding 3 to both numbers to make 6:8 does not preserve this unequal relationship.

Use later in the category

Aligned double number lines and coordinate graphs belong in Pack 03; unit rates belong in Pack 04. Do not require those representations for this Pack 02 target.

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