Completing Ratio Tables Worksheets

ANSWER / CASE 1

A ratio table starts with 2 blue beads for 3 red beads. How many red beads go with 6 blue beads at the same ratio?

Blue	Red
2	3
6	?

ANSWER: 9 red beads.
1. The blue quantity is multiplied by 3.
2. Apply the same multiplier to the red quantity.

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ANSWER / CASE 2

A ratio table starts with 3 blue beads for 4 red beads. How many red beads go with 12 blue beads at the same ratio?

Blue	Red
3	4
12	?

ANSWER: 16 red beads.
1. The blue quantity is multiplied by 4.
2. Apply the same multiplier to the red quantity.

Completing Ratio Tables Worksheets

ANSWER / CASE 3

A ratio table starts with 4 blue beads for 5 red beads. How many red beads go with 20 blue beads at the same ratio?

Blue	Red
4	5
20	?

ANSWER: 25 red beads.
1. The blue quantity is multiplied by 5.
2. Apply the same multiplier to the red quantity.

Completing Ratio Tables Worksheets

ANSWER / CASE 4

A ratio table starts with 5 blue beads for 6 red beads. How many red beads go with 30 blue beads at the same ratio?

Blue	Red
5	6
30	?

ANSWER: 36 red beads.
1. The blue quantity is multiplied by 6.
2. Apply the same multiplier to the red quantity.