

Study the box below. Express each ratio as a fraction in simplest form. Write the answer on the line provided.

Rule:

A ratio is a comparison of two numbers. It is often written as a fraction in simplest form.

Example:

$$8 \text{ to } 10 \quad \frac{8}{10} = \frac{4}{5}$$

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|-------------------|----------------------|
| 1. 21 to 45 _____ | 5. 150 to 15 _____ |
| 2. 6 to 72 _____ | 6. 5 out of 65 _____ |
| 3. 2 : 24 _____ | 7. 64 : 18 _____ |
| 4. 30 to 15 _____ | 8. 6 out of 39 _____ |

Study the box below. Express each rate as a unit rate. Write the answer on the line provided.

Rules:

Rate: a ratio of 2 measurements with different units

Unit rate: a rate in which the denominator is 1

Example:

\$0.80 per 20 forks

$\$0.80 \div 20 = \0.04 per 1 fork

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|---------------------------------|-----------------------------------|
| 9. \$9.00 for 4 tapes _____ | 13. 16 people in 4 cars _____ |
| 10. \$150 for 2 days _____ | 14. \$30 for 2 shirts _____ |
| 11. 330 miles in 5 hours _____ | 15. 4,500 tickets in 2 days _____ |
| 12. 3,000 miles in 4 days _____ | 16. 12 pounds in 6 weeks _____ |