

# Why Did the Paper Doll Look Unattractive in Bikini Bathing Suits ?



For each exercise below, find the ratio or the rate as directed. Write the letter of the exercise in the box containing your answer.



For each exercise below, express both measurements in the same unit. Then give their ratio in simplest form.

- |                         |                        |                         |  |
|-------------------------|------------------------|-------------------------|--|
| <input type="radio"/> T | 20 sec to 2 min        | <input type="radio"/> A | The ratio of students to teachers in a school with 1200 students and 50 teachers.                          |
| <input type="radio"/> H | 3 h to 40 min          | <input type="radio"/> R | The ratio of men to women at a college with 1500 men and 1800 women.                                       |
| <input type="radio"/> S | 75¢ to \$2             | <input type="radio"/> T | The ratio of tin to copper in an alloy that contains 48 kg of copper and 32 kg of tin.                     |
| <input type="radio"/> O | 35 cm to 20 cm         | <input type="radio"/> M | The ratio of wins to losses in 40 games with 15 losses and no ties.  |
| <input type="radio"/> E | 60 cm to 4 m           | <input type="radio"/> E | The ratio of advertising time to nonadvertising time in a one-hour TV show that includes 8 minutes of ads. |
| <input type="radio"/> T | 1 kg to 250 g          | <input type="radio"/> T | The ratio of the area of a rectangle with sides 8 cm and 12 cm to the area of a square with sides 10 cm.   |
| <input type="radio"/> O | 400 m to 5 km          |                         |  |
| <input type="radio"/> S | 96 people to 60 people |                         |  |

For each exercise below, give the ratio of the two measurements in the unit indicated (a rate).

- |                         |   |
|-------------------------|---|
| <input type="radio"/> W | A car traveled 500 miles on 25 gallons of gas. (miles per gallon)                     |
| <input type="radio"/> H | Frank typed 90 words in 4 minutes. (words per minute)                                 |
| <input type="radio"/> U | A jet traveled 1000 miles in 2.5 hours. (miles per hour)                              |
| <input type="radio"/> N | A gear revolved 480 times in 15 minutes. (revolutions per minute)                     |
| <input type="radio"/> F | Juan ran 600 meters in 1 minute 20 seconds. (meters per second)                       |
| <input type="radio"/> U | Osgood ate 9 hamburgers in half an hour. (hamburgers per minute)                      |
| <input type="radio"/> C | Mary Thon ran 26 miles in 2 hours 40 minutes. (minutes per mile to the nearest tenth) |

$\frac{8}{5}$	$\frac{9}{2}$	$\frac{2}{13}$	20	$\frac{24}{1}$	$\frac{3}{8}$	32	$\frac{1}{6}$	6.2	400	$\frac{2}{3}$	$\frac{2}{25}$	0.3	$\frac{4}{1}$	7.5	$\frac{7}{4}$	$\frac{5}{6}$	$\frac{24}{25}$	22.5	$\frac{3}{20}$	$\frac{5}{3}$
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