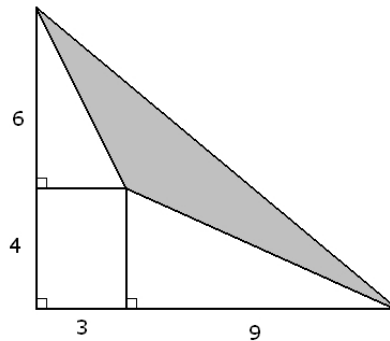


- List all factors of 90.
- A number is thirty-five less than the product of 4 and twice the number. Find this number.
- The school's enrollment is currently 130. How many students are girls if we know that the number of girls enrolled is 18 less than the number of boys enrolled.
- Compute the area of the shaded region shown on the picture below. Dimensions are in meters.



- Re-write $\frac{7}{5}$ as a percent.
- Solve each of the following equations. Make sure to check your solution.
 - $3m - 7 = -3m + 5$
 - $\frac{1}{2}x - 2 = \frac{2}{3}x + 3$
 - $5a - 1 = -2a - 1$
- What fraction of 360 is 72?
- 3.45 times what number is 4.14?
- Eighty-seven percent of 300 is what number?
- One hundred thirty percent of what number is 78?
- Fifteen percent of what number is 10.5?
- What percent of 450 is 288?
- What percent of 460 is 1150?
- Three hundred forty-seven percent of what number is 2429?
- Fifteen percent of the town's population are students. If there are 1800 students living in the town, how many people live there?
- Paul earned \$128 this week in his part time job. If this was a sixty percent increase from last week, how much money did he make last week?
- A TV went on a 14% sale. The sale price is \$ 412.8. Find the original price of the TV.
- Overnight, the number of bacteria increased by one hundred sixty percent. There are now 65 000 bacteria. How many were there yesterday?