

## Overview of problems



Example Set: A

Write each number as a percent

14

$\frac{5}{9}$

25.6

.013

Write each percent in decimal form

17%

.01%

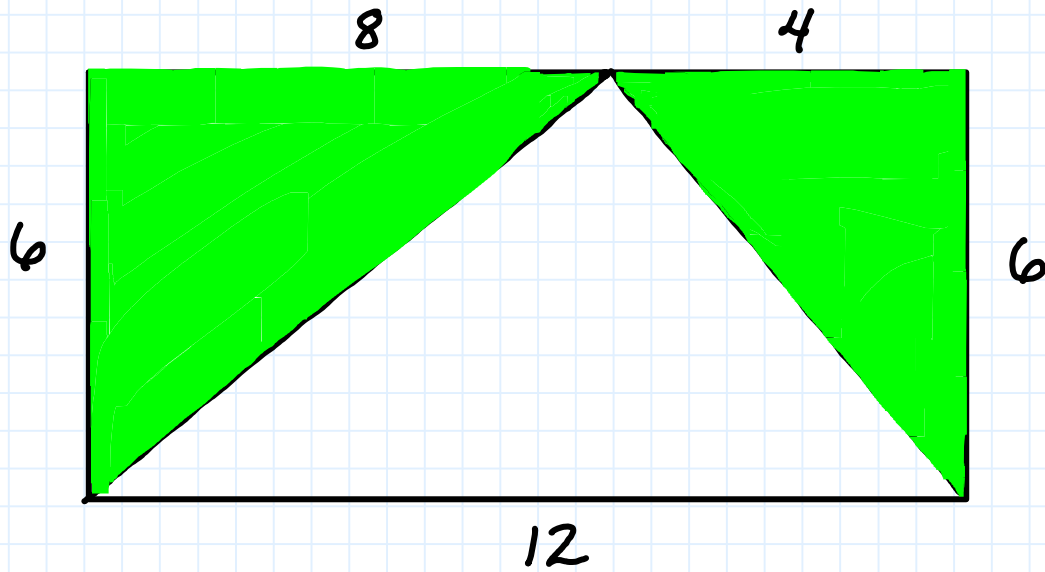
39.52%

$\frac{12}{19}\%$

What is 63% of 150?

What is 26% of 481?

*What percent of the region is the white?*



*Example Set: B*

*42 is 74% of what number?*

*15 is what percent of 90?*

*38 is 61% of what number?*

*19 is what percent of 103?*

*$\frac{3}{4}$  is 21% of what number?*

*.007 is what percent of .98?*

*$\frac{5}{8}$  is 1.2% of what number?*



## Example Set: C

*You go to the music store and pay \$15 for a CD. The CD was sold at a 25% discount. How much was the original cost?*

*Last week you filled up your truck with gas it cost \$2.50/ gallon. Today the gas cost \$3.20/ gallon. What percent was the cost of gas marked-up?*

## Overview of problems- KEY



Example Set: A

Write each number as a percent

$14 = 1400\%$

$\frac{5}{9} = 55\%$

$25.6 = 2560\%$

$.013 = 1.3\%$

Write each percent in decimal form

$17\% = .17$

$.01\% = .0001$

$39.52\% = .3952$

$\frac{12}{19}\% = .00631$

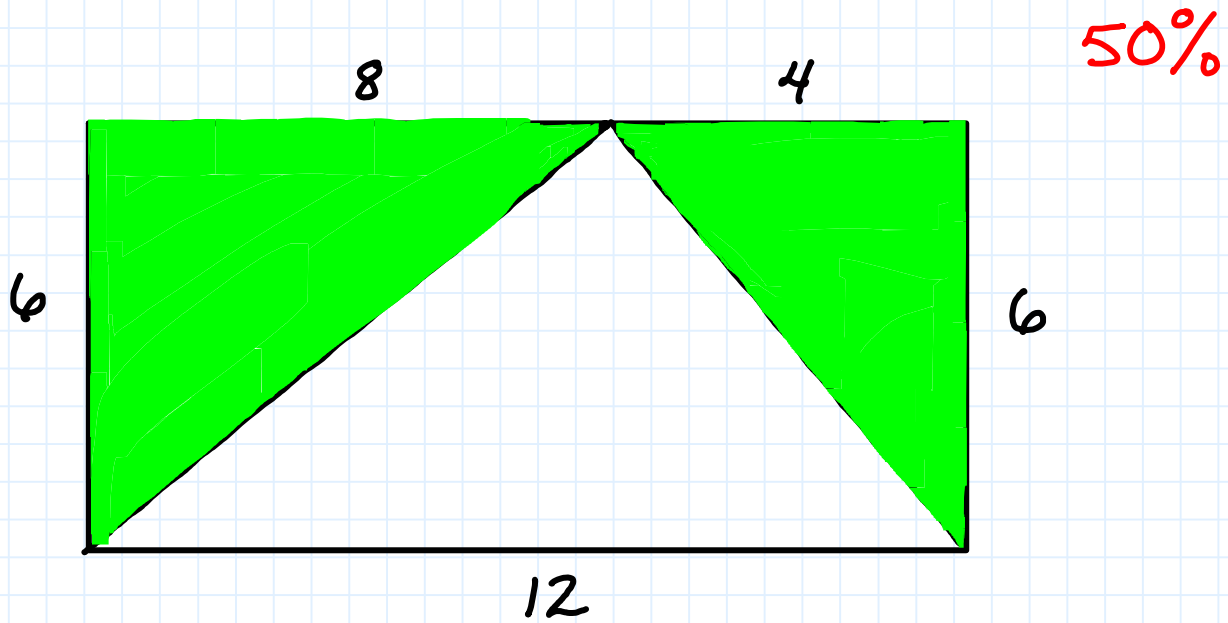
What is 63% of 150?

$94.5$

What is 26% of 481?

$125.06$

What percent of the region is the white?



Example Set: B

42 is 74% of what number?

56.75

15 is what percent of 90?

16.6%

38 is 61% of what number?

62.29

19 is what percent of 103?

18.4%

$\frac{3}{4}$  is 21% of what number?

3.57

.007 is what percent of .98?

.00714

$\frac{5}{8}$  is 1.2% of what number?

52.08



## Example Set: C

You go to the music store and pay \$15 for a CD. The CD was sold at a 25% discount. How much was the original cost?

\$20

Last week you filled up your truck with gas it cost \$2.50/ gallon. Today the gas cost \$3.20/ gallon. What percent was the cost of gas marked-up?

28 %