

PERCENT

Representing Percent

- Recall that percent means per 100 or out of 100. It is also another name for hundredths.

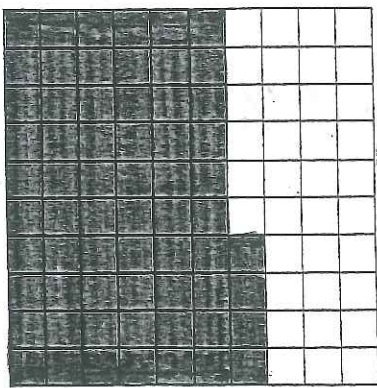
ie) 65% means $\frac{65}{100}$ or 0.65.

- You can represent percents using a hundred grid. A hundred grid is a square that has been divided into 100 equal squares. Therefore:

1 square = 1%

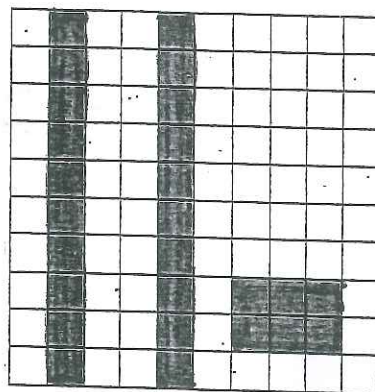
100 squares = 100%
(entire grid)

Ex 1)



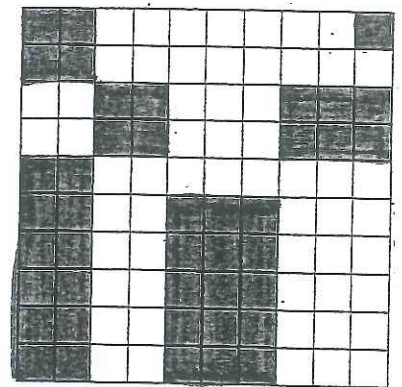
64%

Ex 2)



26%

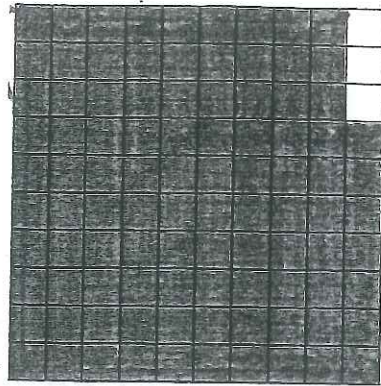
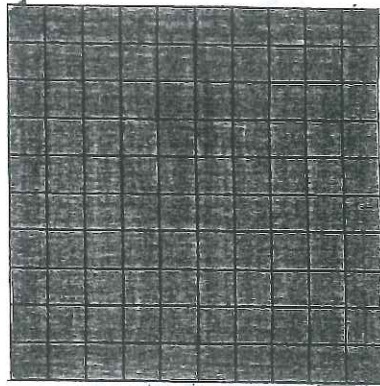
Ex 3)



42%

- You can have percents that are greater than 100%. To represent these, you will need multiple grids.

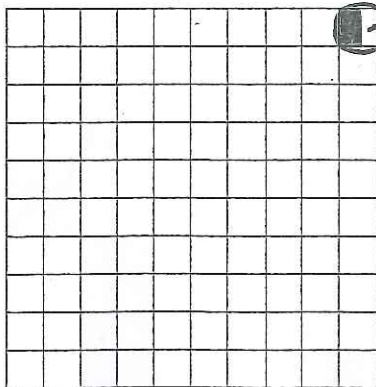
Ex 4)



197%

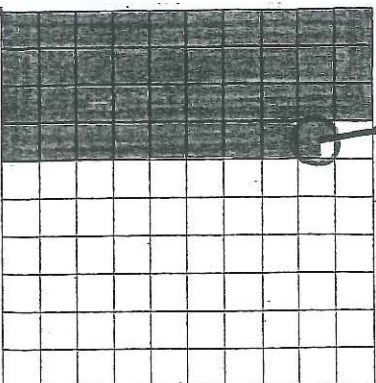
- You can also have fractional percents that include part of a percent

Ex 5)



$\frac{1}{2}\%$ or 0.5%

Ex 6)



$38\frac{5}{6}\%$ or 38.625%