

# WALT to find percentages of a number

**3 ways to solve Percent of a Number Problems**

**Multiply by a Decimal**  
Find 5% of 180  
 $5\% = 0.05$   
 $0.05 \times 180 = 9$

**Use Proportional Reasoning**  
Find 30% of 400  
 $30\% = 30/100$   
 $\frac{30}{100} = \frac{?}{400}$   
 $? = 120$

**Multiply by a fraction**  
Find 135% of 60  
 $135\% = 135/100$   
 $60 = 60/1$   
 $\frac{135}{100} \times \frac{60}{1} = \frac{810}{10} = 81$

Head to youtube and watch the following clip.

**Watch me**

Write down any tips for finding percentages of a number.

- 1.
- 2.

Have a try at 5–10 of the following problems.

**[Click here for problems](#)**

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Optional, find a friend and play the following game.

Who was the CHAMPION=

**[Fun game](#)**