

Mathematics

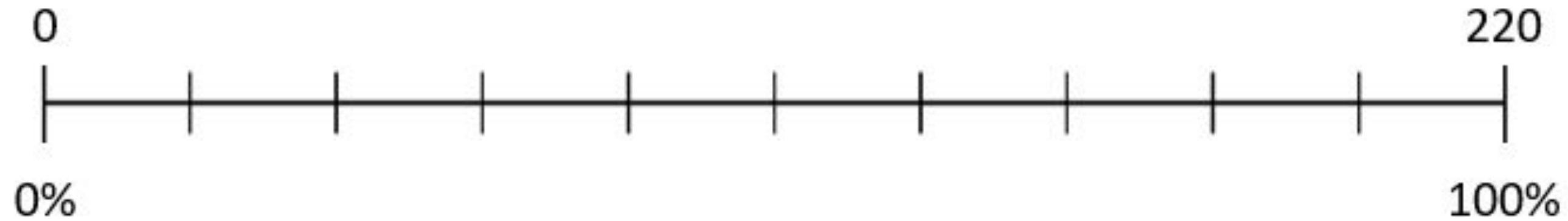
# Percentages of Amount 2

Mr Millar



# Connect

Find:



70% of 220 = \_\_\_\_\_

35% of 220 = \_\_\_\_\_

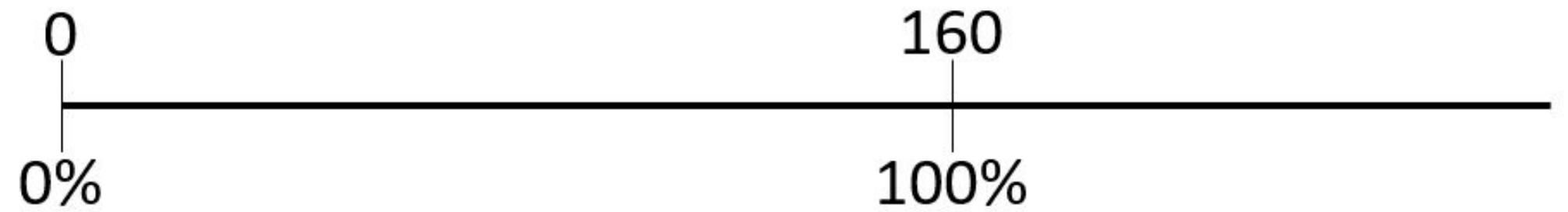
95% of 220 = \_\_\_\_\_



# Independent task

Use double number lines to work out

1. 40% of 160
2. 5% of 160
3. 45% of 160
4. 95% of 160
5. 150% of 160
6. \_\_\_\_ % of 160 = 168



# Explore

Use two of these number cards to complete the percentage sentence frame.

How many different **calculations** can you make?

How many different **answers** do you get?

% of  = \_\_\_\_\_

75

120

40

300

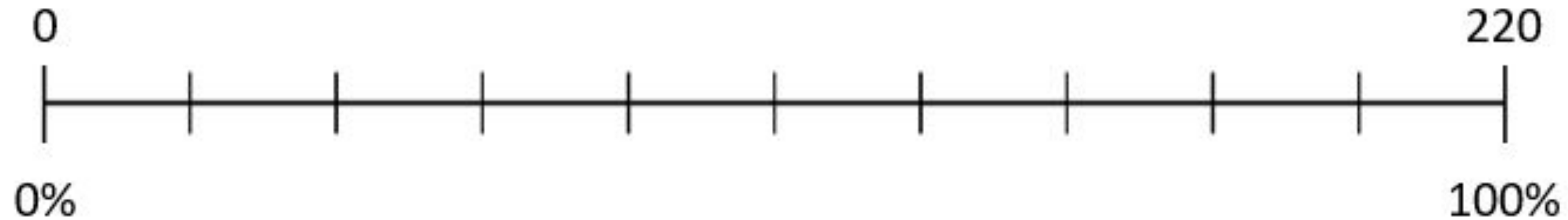


# Answers



# Connect

Find:



$$70\% \text{ of } 220 = \underline{154}$$

$$35\% \text{ of } 220 = \underline{77}$$

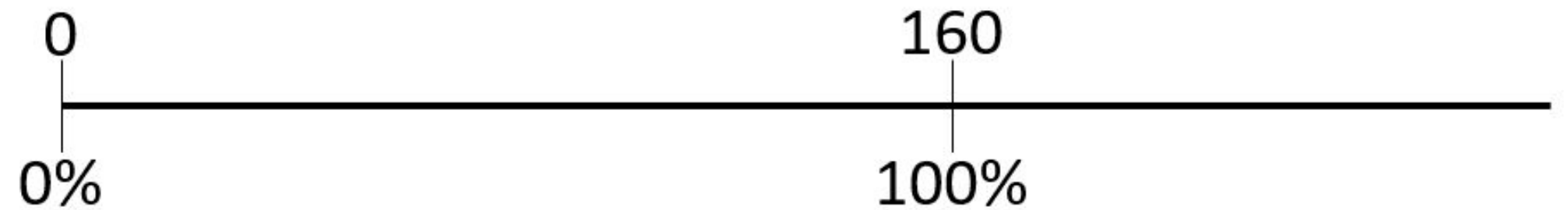
$$95\% \text{ of } 220 = \underline{209}$$



# Independent task

Use double number lines to work out

1. 40% of 160      64
2. 5% of 160      8
3. 45% of 160      72
4. 95% of 160      152
5. 150% of 160      240
6. \_\_\_\_ % of 160 = 168      105



# Explore

Use two of these number cards to complete the percentage sentence frame.  
How many different **calculations** can you make?  
How many different **answers** do you get?

%

of

=

75

120

40

300

12 calculations, but 6  
different answers

75%	of	120	=	90
75%	of	40	=	30
75%	of	300	=	225
120%	of	40	=	48
120%	of	300	=	360
300%	of	40	=	120

