

LO: Finding Percentages of Amounts

Show your workings, using the bar model method, to calculate these percentages:

Korma	Madras/Vindaloo
1) 20% of 120	1) 20% of £36
2) 30% of 40	2) 30% of 480kg
3) 15% of 80	3) 15% of 960ml
4) 5% of 200	4) 35% of 870g
5) 60% of 120	5) 5% of 4
6) 15% of 620	6) 95% of 5400g
7) 40% of 700km	7) 85% of 2642
8) 35% of 600g	8) 60% of 6340

[Remember when the question is a context based question, give the answer with the units of measure (km/g/l etc.)

Investigation

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a) Complete the calculations.

$20\% \text{ of } 40 = \square \quad 25\% \text{ of } 60 = \square$

$40\% \text{ of } 20 = \square \quad 60\% \text{ of } 25 = \square$

b) What do you notice about the answers?

c) Does this always happen? Investigate with other examples.