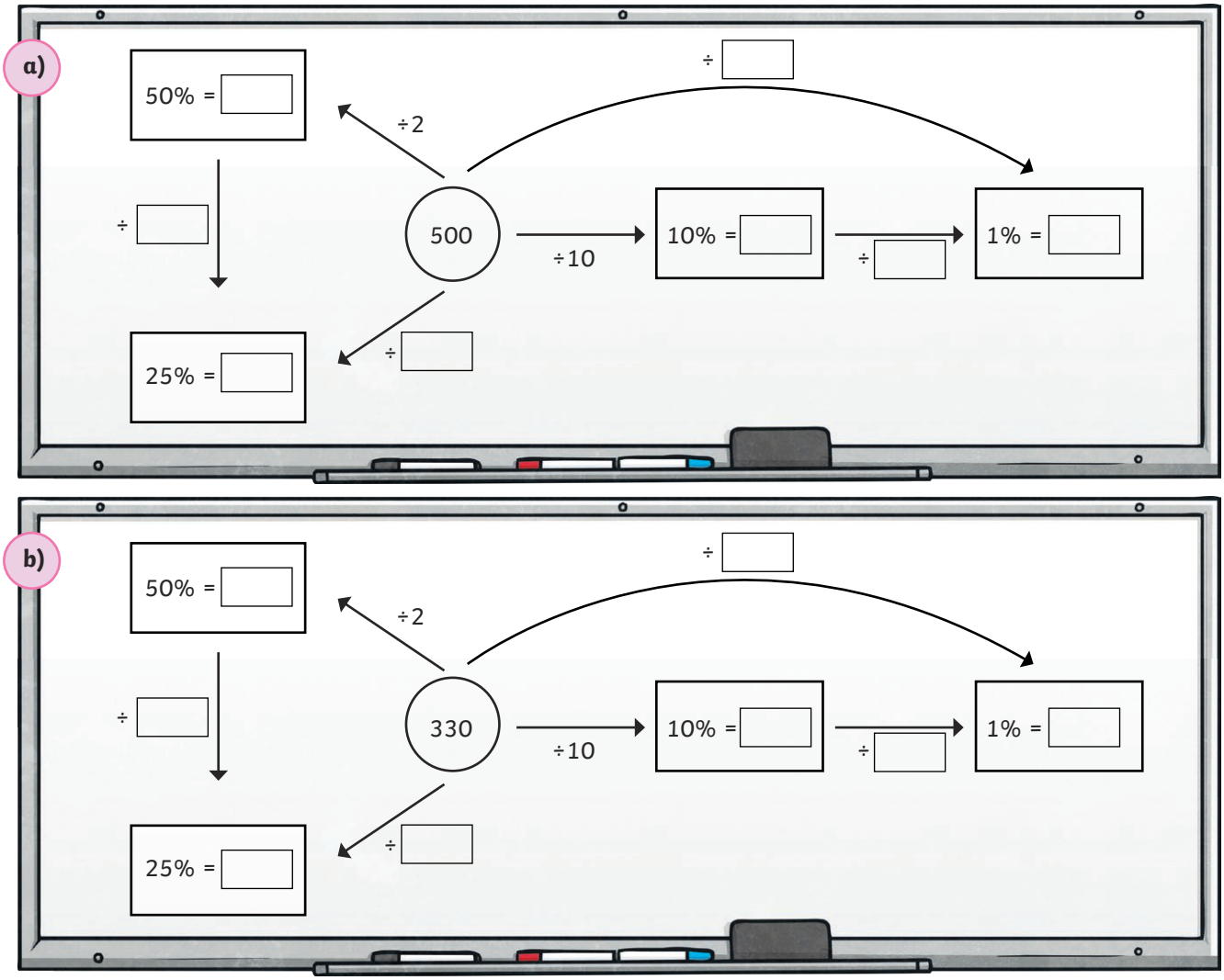
1) Complete the statements showing how we can find a percentage of an amount by using the equivalent fraction.

50% = $\frac{1}{2}$ so we can ÷ 2	10% = $\frac{1}{\square}$ so we can ÷ $\square$
25% = $\frac{1}{\square}$ so we can ÷ $\square$	1% = $\frac{1}{\square}$ so we can ÷ $\square$

2) Complete this diagram to show the above relationships.



3) Calculate the percentages of these different amounts.

25% of £840 = £	10% of 6kg = g	1% of 3400 =
25% of 5l = ml	1% of 7km = m	50% of 16.1 =

1) True or False?

To find 25% of an amount, I can divide the amount by 25.

_____

To find 1% of an amount, I can divide by 10 then divide by 10 again.

_____

1% of 8600 > 10% of 890

_____

2) Joel is trying to find 10% of the number 342.

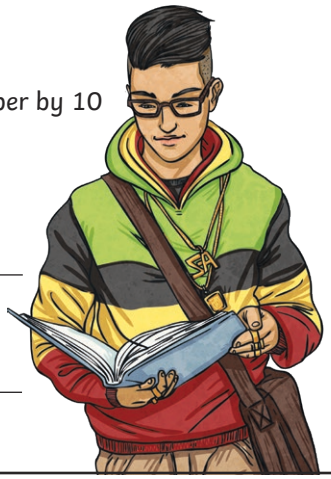
Joel says, 'I know I need to divide by 10 to find 10%. However, I can't divide this number by 10 as it is not a multiple of 10.'

Is Joel's statement correct? Explain your reasoning.

_____

_____

_____



1) Choose a percentage from box A and an amount from box B. Repeat this. Then, combine these to complete the percentage statements and make each of the target numbers from box C.

A	B
10%, 1%, 50%, 25%	4000, 400, 40, 600, 60, 6000, 250, 2500, 560, 5600, 480, 4800

C		
40	3000	100
640	4300	

Percentage from A	of	Number from B	+	Percentage from A	of	Number from B	=	Target number from C
%	of		+	%	of		=	40
%	of		+	%	of		=	3000
%	of		+	%	of		=	100
%	of		+	%	of		=	640
%	of		+	%	of		=	4300

2) Using the same percentages in box A and numbers in box B from question 1, show 5 different ways to complete the statement below. Do not use the same percentage of an amount more than once.

Percentage from A	of	Number from B	-	Percentage from A	of	Number from B	=	Number between 999 and 2001
%	of		-	%	of		=	
%	of		-	%	of		=	
%	of		-	%	of		=	
%	of		-	%	of		=	
%	of		-	%	of		=	