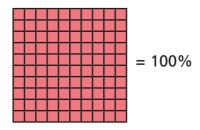
Convert between decimals and percentages greater than 100%



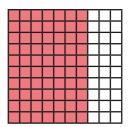
1

Each hundred square represents 100%.

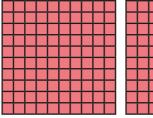


Write the percentages represented by the diagrams.

a)



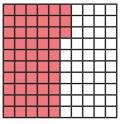
d)



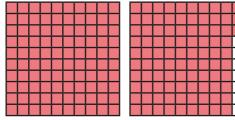
70 %

130 %

b)



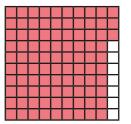
e)



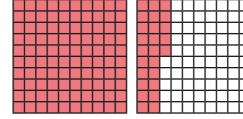
53 %

193 %

c)



t)



93 |%

125 %

2 Complete the tables.

Percentage	Decimal		
80%	0.8		
90%	0.9		
100%	1		
110%	1:1		
120%	1.2		

Percentage	Decimal		
98%	0.98		
99%	0.99		
100%	1		
101%	1.01		
102%	1-02		

3) a) Convert the percentages to decimals.

84% 94%

0 ·84

126% 116%

104% 114%

[-04]

106% 96%

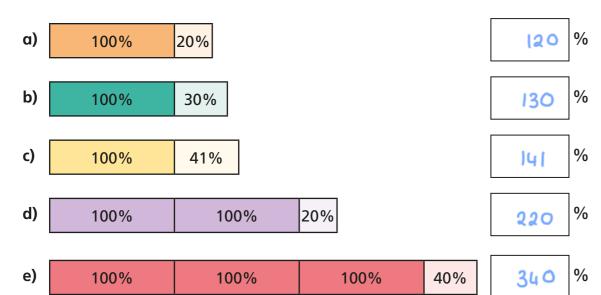
1.26

1.06

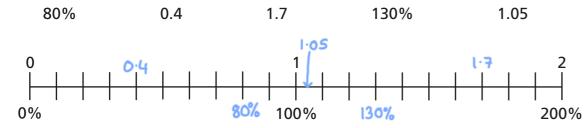
b) Convert the decimals to percentages.

0.75 0.85 0.95 1.05 % % 85 95 75 105 0.38 1.38 2.38 0.08 238 % 38 % 138

Write the percentages represented by the bar models.

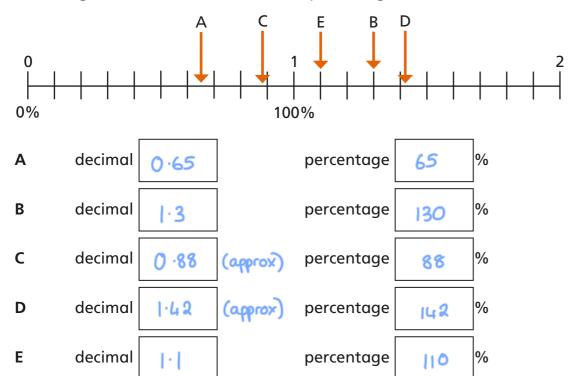


a) Label the positions of the numbers on the number line.



b) Write the numbers indicated by the arrows.

Give your answers as decimals and percentages.



6 Sort the cards into three groups of equivalent numbers.

13 10 30% 1.03 103% 0.7 less than 1 whole 130 103 3% 30% 100 100 1 – 0.3 more than more than 1 whole 1 whole 70% 130% 1 + 0.03

Group 1	Group 2	Group 3
103% 3% more than 1 whole 1+0.03 1.03 100	13 10 130 100 130% 30% more than one whole	0.7 30% (errs than one whole 1-0.3 70%

7 Tick the statements that are possible. Explain your answers.

Maximum	ellert	would	he	100%	

b) Increasing a test score by 110%

a) Giving 110% effort

c) Decreasing a test score by 110%

_	You	would	end	up with	a.	negative	Score
				,		J	

