The Recall Wall
Complete the table below:

Fractions	Decimals	Percentages
	0.73	
		32%
$\frac{59}{100}$		
	0.6	
		9%
$\frac{7}{20}$		

www.scarimaths.weebly.com

Calculating Percentages of an amount

The Simple Skill
$$240 \div 10 = 24$$

a	$530 \div 10 =$	f	$347 \div 10 =$
b	$460 \div 10 =$	g	$659 \div 10 =$
c	$8760 \div 10 =$	h	$724 \div 10 =$
d	$5490 \div 10 =$	I	$69.3 \div 10 =$
e	$6600 \div 10 =$	j	$90.23 \div 10 =$

Your **R** **A** **G** Rating

The Magic 10 %
By working out the 10% cloud we can find all the rest quite easily. Can you see how?

5% = 12
10% = 24
20% = 48
240
40% = 96
80% = 196
70% = 168
30% = 72

Cloud your Judgment
Calculate the value of each cloud

10%
5%
20%
35%
30%
650
80%
40%
70%
60%

Percentage Increase
a) 500 by 10%   c) 80 by 15%

b) 320 by 10%   d) 75 by 20%

The price of laptop is increased by 15%.
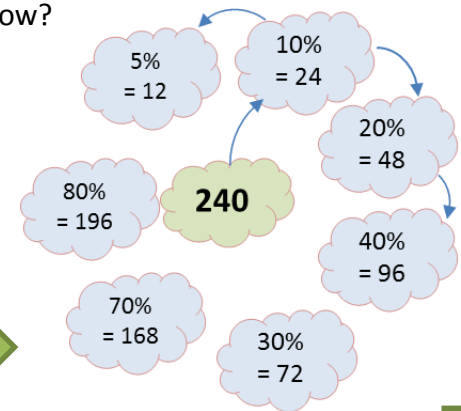The old price of the laptop was £300.
Work out the new price.

Percentage Decrease
a) 400 by 10%   c) 140 by 15%

b) 380 by 10%   d) 35 by 20%

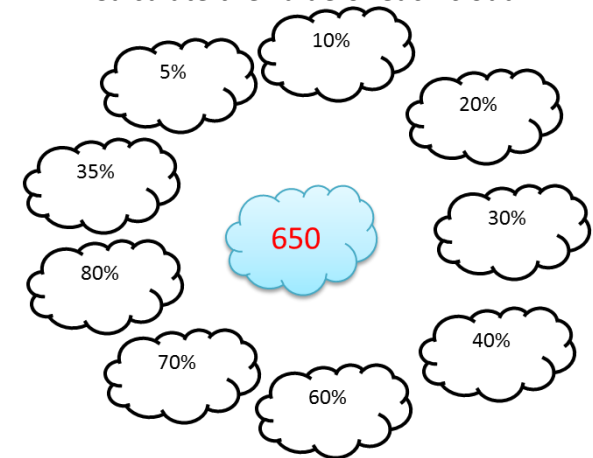The price of a £6800 car is reduced by 10%.
What is the new price?

What's the percentage?
A car dealer is comparing his sales over the past two years.
In 2006, he sold 175 cars.
In 2007, he sold 196 cars.

Work out the percentage increase in the number of cars sold.
_____

The usual price of a shirt is £32.50
In a sale, the shirt is reduced to £29.25

What is the percentage reduction?
_____

Shelley bought some items at a car boot sale and then sold them on ebay.
Work out the percentage profit or loss she made on each of these items.

a) Trainers bought for £15, sold for £20
b) DVD recorder bought for £42, sold for £60.90
c) Gold necklace bought for £90, sold for £78.30
d) A DVD collection bought for £120, sold for £81.60

Scarimaths
🐦 @scarimaths
▶ scarimathematician

Puzzle
If you start with £100 then add 10%, then subtract 10%, do you end up with £100?