

# Basic Percentages

## Week 1

**Lesson Time** : 20 - 25 Minutes

**Course** : Foundation or Higher

**Grade** : 4

Back to Basics

Core

Let's Do It!

## GCSE Revision Video 3

- **Prior Checklist:** A pack of A5/A6 revision cards.

A pen.

- **Our Video Structure:**

**Back to Basics:** Quick re-cap.

**Core:** *Create* your own revision cards with exam style questions.

**Let's Do It! :** *Apply* your revision cards to another set of exam style questions.

**Instructions:** Print out this worksheet and watch the revision video simultaneously.

**Pause and Play** the video unlimited times to review your work and write the answers in the blank spaces. Once you have written your answers, check these with the tutorial answers, as explained in the video.

**Create** your OWN revision cards when prompted on the worksheet ( Back to Basic and Core sections).

**Apply** your OWN revision cards ( Let's Do It! section).

**Self Assess** yourself ( Out of 10) on your revision planner after you have completed the revision video.




**WATCH** this revision video and **MANY** others on our **FULL** courses at [www.mathsmemory.co.uk](http://www.mathsmemory.co.uk)

Let's get started and create our Master revision card with this suggested template.

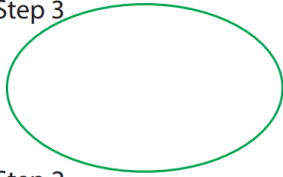


**Maths Memory**

**Learn:**

-  Calculate Basic % (Non Calculator)
-  Calculate % change
-  Identify multiplying factors

Step 3



Step 2



Step 1



Example(s):

**Topic:** Basic Percentages  
**Date/week:** \_\_\_\_\_

GRADE

4

## Back to Basics- Starter questions to warm you up



**Back to Basics**

**Topic: Basic %'s**

### Question 1

a) Find 10% of £4000

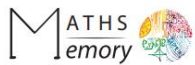
b) Find 10% of £3.50

c) Find 5% of £300

d) Find 1% of £650



## Core- Create your revision cards with these exam style questions



### Core 1

### Topic: Basic %'s

#### Question 1

a) Find 15% of £520

Grade

4 (2 Marks)

b) Massimo achieves 78% in a test. Sarah scores 27 out of 36 in a test.  
What is the difference between Massimo and Sarah's result?

Grade

4 (2 Marks)

Let's get our revision card and create Section A. Look at video for guidance



Question 2

a) Amiee's travel commute cost £1200 in 2020. In 2021, her commute cost had increased to £1260 . What was the percentage increase in her travel cost from 2020 to 2021?

Grade

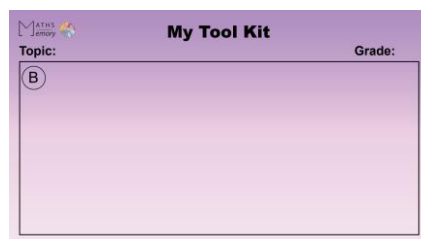
4 (2 Marks)

b) Sean bought a car for £12,500. The following year it had decreased to £10,000. What was the percentage decrease in the value of the car over the year?

Grade

4 (2 Marks)

Let's get our revision card and create Section A. Look at video for guidance



Let's get our revision card and create Section B. Look at video for guidance



## Question 3

a) Leon has £4000 in his savings account. The interest rate is 2.8% per year.  
How much does Leon have after one year in his savings account?

Grade

**4** (2 Marks)

**Calculator**

b) Alice buys a flat for £150,000. It has decreased in value by 4% over the year.  
How much is the flat worth now?

Grade

**4** (2 Marks)

**Calculator**

c) Coby has run 12 km in a marathon. This is only 40% of the whole race.  
What is the total distance of the marathon?

Grade

**4** (2 Marks)

**Calculator**

# Let's Do It!- Apply your revision cards to another set of exam style questions



## Let's Do It!

## Topic: Basic %'s

### Question 1

a) What is 35% of £640

Grade

4 (2 Marks)

b) Julie invests in a share at £60. It has now decreased to £45.  
What is the % decrease in the shares value.

Grade

4 (2 Marks)



## Let's Do It!

## Topic: Basic %'s

### Question 2

a) Salim wants to increase £650 by 4.5%. He writes  $650 \times 1.45$   
Is Salim correct? Justify your answer

Grade

4 (2 Marks)

b) Emma wants to decrease £ 300 by 6%. She writes  $300 \times \underline{\hspace{2cm}}$   
Complete the blank, hence calculate the answer.

Grade

4 (2 Marks)

**Congratulations. You have completed this topic.**

**Now go back to your revision planner and rate yourself out of 10.**



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