

# CVPS Home Learning

WC: 08.06.20

Please write all answers / questions in your distance/home learning journals. Remember to email your work to your class teacher.

## YEAR 5 Mathematics

Click on the lesson  
you would like to  
complete today.



[LESSON 1](#)

[LESSON 2](#)

[LESSON 3](#)

[LESSON 4](#)

[LESSON 5](#)

This week we are looking at calculating with whole numbers and decimals.

# Lesson 1: Decimals-To represent decimals

- ▶ [Click here](#) and complete the pre lesson quiz and follow the instructions on the screen.
- ▶ You will find a copy of the independent task, as referred to in the video, and additional challenges.

## Independent Task - 1 of 3

The number is said as \_\_\_\_\_ point \_\_\_\_\_.



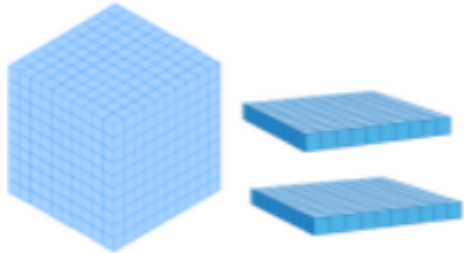
= \_\_\_\_\_ + \_\_\_\_\_ + **0.03** + \_\_\_\_\_

Ones	tenths	hundredths	thousandths
2			

$$2 + \frac{\boxed{\phantom{00}}}{10} + \frac{\boxed{\phantom{00}}}{100} + \frac{2}{1000} = \boxed{\phantom{000}}$$

## Independent Task - 2 of 3

The number is said as **one point two zero three**.



$$\boxed{\phantom{000}} = \underline{\phantom{000}} + 0.2 + \underline{\phantom{000}}$$




Ones	tenths	hundredths	thousandths

$$1 + \frac{\boxed{\phantom{00}}}{10} + \frac{3}{\boxed{\phantom{000}}} = \boxed{\underline{\phantom{0000}}}$$

## Independent Task - 3 of 3

The number is said as \_\_\_\_\_ point \_\_\_\_\_.

$$\boxed{\phantom{000}} = \underline{\phantom{00}} + \underline{\phantom{00}} + 0.02$$

Tens	Ones	tenths	hundredths
			

$$\boxed{\phantom{00}} + \boxed{\phantom{00}} + \frac{\boxed{\phantom{00}}}{100} = \boxed{\phantom{00}}$$

## Lesson 2: To represent multiplication and division by 10, 100 and 1000.

- ▶ [Click here](#) and complete the pre lesson quiz and follow the instructions on the screen.
- ▶ You will find a copy of the independent task, as referred to in the video.

## Independent Task - Question 1 of 4

Convert to the same unit of measure to compare. Complete in more than one way.

1)

I have run 1200 m

I have run  
a distance  
of 1.25 km



I have run 1 km and 20 m

Challenge: How many centimetres  
did each athlete run?



## Independent Task - Question 2 of 4

2) During a road race, these cyclist kept track of how much water they drank.

I drank 1700 ml

I drank 1.07 litres

I drank  $1\frac{3}{4}$  litres



Challenge: How many centilitres did each cyclist drink?





## Independent Task - Question 3 of 4

- 3) These are the masses lifted by three different weightlifters:



Competitor A

98 000 g

Competitor B

97.5 kg

Competitor C

97 kg 850 g

## Independent Task - Question 4 of 4

Don't forget: £1 = 100p!

4) Who spent the most money?

I spent £12.50



I spent 1200 p



I spent one hundred and twenty six 10 pence pieces

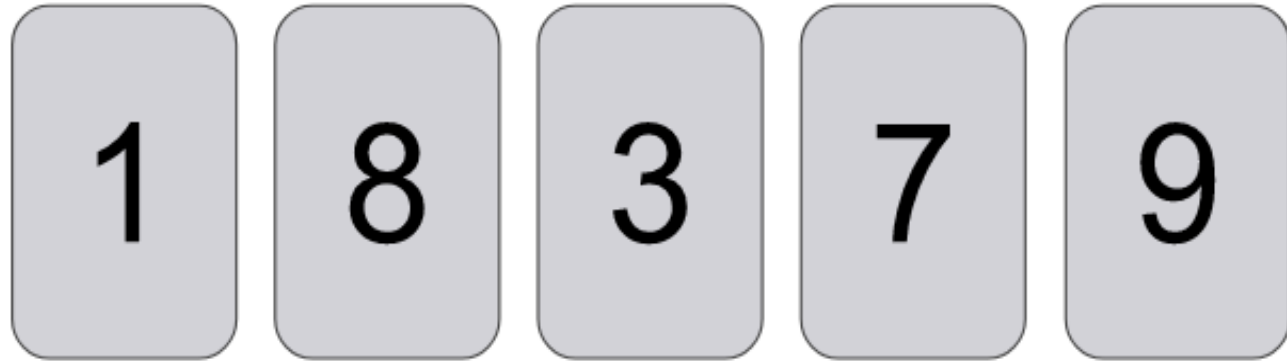


## Lesson 3: To derive addition and subtraction decimal facts

- ▶ [Click here](#) and complete the pre lesson quiz and follow the instructions on the screen.
- ▶ You will find a copy of the independent task, as referred to in the video.

## Independent Task - 5 subtraction steps to zero

Here are 5 digits:



You are starting at 1. Using the five digits as either **tenths** or **hundredths**, how close can you get to 0?

$$1 - \quad - \quad - \quad - \quad - \quad \approx 0$$



## Lesson 4: To add decimal numbers

- ▶ [Click here](#) and complete the pre lesson quiz and follow the instructions on the screen.
- ▶ You will find a copy of the independent task, as referred to in the video.

## Independent Task

Complete these equations. Your challenge is to use informal methods of addition. Don't forget to use jottings.

$$0.5 + 0.52$$

$$0.76 + 0.37$$

$$2.3 + 1.25$$

$$25.3 + 19.9$$

# Lesson 5: To subtract decimals numbers

- ▶ [Click here](#) and complete the pre lesson quiz and follow the instructions on the screen.
- ▶ You will find a copy of the independent task, as referred to in the video.

## Independent Task

Complete these equations. Your challenge is to use informal methods of subtraction. Don't forget to use jottings.

$$13.5 - 4.2$$

$$0.5 - 0.489$$

$$4.76 - 2.5$$

$$25.3 - 19.9$$



## Independent Task - Support Slide

Complete these equations. Your challenge is to use informal methods of subtraction. Don't forget to use jottings.

$13.5 - 4.2$  - Partition your equation  $0.5 - 0.2$  &  $13 - 4$

$0.5 - 0.489$  -  $0.500$  and  $0.489$  are very close together. Could you use counting on?

$4.76 - 2.5$  - Do you need to regroup?

$25.3 - 19.9$  -  $19.9$  is very close to  $20$ .