

Maths sheets – Yr5

(Maths sheet 1) w/c 20 April

Adding decimals within 1

1 Work out the additions.
Use the number lines to help you.

a) $0.3 + 0.2 = 0.5$

b) $0.1 + 0.4 = 0.5$

c) $0.2 + 0.1 + 0.2 = 0.5$

What do you notice about your answers?
They all equal 0.5.

2 Complete the part-whole models.

a) 0.4

b) 0.9

c) 0.9

d) 0.555

3 Complete the additions.
Use the place value charts to help you.

a) $0.42 + 0.3 = 0.75$

Ones	Tenths	Hundredths
	4	2
	3	
	7	5

b) $0.28 + 0.32 = 0.6$

Ones	Tenths	Hundredths
	2	8
	3	2
	5	0

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c) $0.28 + 0.36 = 0.64$

Ones	Tenths	Hundredths
	2	8
	3	6
	6	4

4 Use the column method to work out the additions.

a) $0.42 + 0.3 = 0.72$

0	4	2
+	0	3
0	7	2

b) $0.43 + 0.3 = 0.73$

0	4	3
+	0	3
0	7	3

c) $0.402 + 0.3 = 0.702$

0	4	0	2
+	0	0	3
0	4	3	2

d) $0.42 + 0.33 = 0.75$

0	4	2	
+	0	3	3
0	7	5	3

e) $0.436 + 0.17 = 0.606$

0	4	3	6
+	0	1	7
0	6	0	6

f) $0.751 + 0.09 = 0.841$

0	7	5	1
+	0	0	9
0	8	4	1

5 Jack has set up a column addition to work out $0.19 + 0.07$.
What mistake has Jack made?

0	1	9
+	0	7

Jack has got it wrong because inbetween 0-7 should be a zero they are very important because they are place holders.

6 Work out 7 hundredths + 34 hundredths.
Give your answer as a decimal.

~~415~~ hundredths

3	4
+	7
4	1

7 hundredths + 34 hundredths = 0.41

7 Eva drinks a quarter of a litre of water. 0.25
Mo drinks 0.3 litres of water. 0.30
Whitney drinks a tenth of a litre more water than Mo. 0.4

How much water do Eva, Mo and Whitney drink altogether?

$\frac{1}{4}$ N
$\frac{1}{4} = 15\%$
10

0.40
+ 0.30
+ 0.25
0.95

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(Maths sheet 3) w/c 20 April

Adding decimals – crossing the whole

1 Work out the totals of these decimals.
Use the number lines to help you.

a) $0.7 + 0.7 = 1.4$

b) $0.9 + 0.45 = 1.35$

c) $0.6 + 0.8 + 0.15 = 1.55$

2 Complete the additions.

a) $0.74 + 0.36 = 1.10$

Ones	Tenths	Hundredths
	7	4
	3	6
1	0	0

b) $0.86 + 0.68 = 1.54$

Ones	Tenths	Hundredths
	8	6
	6	8
1	5	4

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3 Use the column method to work out the additions.

a) $0.42 + 0.69 = 1.11$

e) $0.222 + 0.876 = 1.098$

b) $0.41 + 0.70 = 1.11$

f) $0.50 + 0.77 = 1.27$

c) $0.96 + 0.97 = 1.93$

g) $0.751 + 0.320 = 1.071$

d) $0.300 + 0.804 = 1.104$

h) $0.604 + 0.519 = 1.123$

4 Teddy runs 0.32 km.
Amir runs half a kilometre, 0.5
Whitney runs 0.47 km.

a) How far do they run altogether?

$0.32 + 0.50 + 0.47 = 1.29$ km

b) Jack runs 7 tenths of a kilometre further than Whitney.
How far does Jack run?

$0.47 + 0.70 = 1.17$ km

5 Ron buys all these items plus a drink costing ninety-five pence.
How much does Ron spend in total?

Cake: 79p
Banana: 65p
Crisps: 54p

$79 + 65 + 54 = 198$

Ron spends £1.98 in total.

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(Maths sheet 4) w/c 20 April

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Subtracting decimals within 1

1 Work out the subtractions. Use the number lines to help you.

a) $0.9 - 0.2 = 0.7$

b) $0.8 - 0.1 = 0.7$

c) $1 - 0.2 - 0.1 = 0.7$

What do you notice about your answers?
They all equal 0.7

2 Complete the part-whole models.

a) $0.6 = 0.3 + 0.3$

b) $0.7 = 0.4 + 0.3$

c) $0.09 = 0.06 + 0.03$

d) $0.005 = 0.004 + 0.001$

3 Complete the subtractions. Use the place value charts to help you. The first one has been started for you.

a) $0.42 - 0.3 = 0.12$

Ones	Tenths	Hundredths
	4	2
	3	
		2

b) $0.28 - 0.05 = 0.23$

Ones	Tenths	Hundredths
	2	8
		5
		3

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4 Use the column method to work out the subtractions.

a) $0.89 - 0.40 = 0.49$

b) $0.77 - 0.64 = 0.13$

c) $0.77 - 0.68 = 0.09$

d) $0.70 - 0.25 = 0.45$

5

I can't work out $0.56 - 0.099$ because 99 is bigger than 56

Do you agree with Eva? NO

Work out the answer to $0.56 - 0.099$

$0.56 - 0.099 = 0.039$

6 Find the difference between 53 hundredths and 8 tenths. Give your answer as a decimal.

$0.53 - 0.8 = 4.50$

The difference between 53 hundredths and 8 tenths is 4.50

7 A piece of wood is 0.9 metres long. It is cut into 3 unequal pieces. The first piece is 0.2 metres longer than the second piece. The third piece is 23 hundredths of a metre shorter than the second piece.

1st $0.2m$

2nd $0.23m$

3rd $0.20m$

How long is each piece of wood?

1st = 0.20 2nd = 0.23 3rd = 0.20

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