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Revision Worksheet – Addition, Subtraction and Money

Grade 2 – Mathematics

Name: _____ **Section:** _____ **Date:** _____

Topic: Revision

A. Addition

Add the ones first. If the ones make 10 or more, regroup: 10 ones = 1 ten. Always line up the Hundreds, Tens and Ones.

Q1. Complete each addition. Show how you found each total.

36 + 5 = _____	**27 + 8 = _____**
48 + 9 = _____	**65 + 7 = _____**

Q2. Complete each addition. Show how you found each total.

124 + 5 = _____	**163 + 8 = _____**
247 + 6 = _____	**359 + 9 = _____**

Q3. Use jumps on the number line to find 112 + 36. First jump +30, then +6.

112 ──(+30)──► _____ ──(+6)──► _____

112 + 36 = _____

Q4. Write each addition in columns, then add. Regroup when you need to.

	H	T	O
	2	3	5
+	1	4	2
=			

	H	T	O
	3	1	6
+	2	4	7
=			

	H	T	O
	4	5	8
+	3	2	6
=			

Q5. Cheng did not have enough time to finish his calculations. Complete both for him.

a) 342 + 126

= 300 + 40 + 2 + 100 + 20 + 6

= _____ + _____ + _____ = _____

b) 275 + 118

= 200 + 70 + 5 + 100 + 10 + 8

= _____ + _____ + _____ = _____

Q6. Solve each word problem. Show your method.

a) A baker made 236 small cakes and 48 large cakes. How many cakes did the baker make altogether?

Working:

Answer: _____

b) 214 children and 85 adults visited the zoo today. How many people visited the zoo?

Working:

Answer: _____

c) A market stall has 56 pears left. A box of 125 pears is delivered. How many pears are on the stall now?

Working:

Answer: _____

B. Subtraction

Subtract the ones first. If there are not enough ones, regroup: 1 ten = 10 ones. Check your answer by adding back!

Q7. Complete each subtraction. Show how you found each answer.

38 − 5 = _____	**52 − 7 = _____**
64 − 8 = _____	**85 − 9 = _____**

Q8. Complete each subtraction. Show how you found each answer.

278 − 4 = _____	**343 − 7 = _____**
136 − 8 = _____	**250 − 9 = _____**

Q9. Use jumps back on the number line to find 275 − 31. First jump −30, then −1.

275 ◄──(−30)── _____ ◄──(−1)── _____

275 − 31 = _____

Q10. Write each subtraction in columns, then subtract. Regroup when you need to.

	H	T	O
	6	8	9
−	2	4	5
=			

	H	T	O
	5	6	3
−	1	2	8
=			

	H	T	O
	6	4	5
−	2	1	7
=			

Q11. Emyr did not have enough time to finish his calculations. Complete both for him.

a) No regrouping needed.

587 = 500 + 80 + 7
− 243 = 200 + 40 + 3
= _____ + _____ + _____ = _____

b) Regroup 352 into 300 + 40 + 12.

352 = 300 + _____ + _____
− 127 = 100 + 20 + 7
= _____ + _____ + _____ = _____

Q12. Sort these subtractions into the table. Write each one in the correct box.

47 − 3	**72 − 17**	**83 − 29**	**95 − 8**	**54 − 5**	**66 − 23**	**61 − 15**	**59 − 7**

Regroup a ten for 10 ones	No regrouping needed

Q13. Solve the problem. Complete the bar model first, then find the answer.

582 children attend Star School. 237 of them are girls. How many boys are there?

582 children	
237 girls	**? boys**

Working:

Number of boys: _____

Q14. Solve each word problem. Show your method.

a) A shop has 364 metres of rope. Minh buys 5 metres. How much rope does the shop have now?

Working:

Answer: _____

b) The next day, Loki buys 18 metres of rope. How much rope is left in the shop now?

Working:

Answer: _____

c) There are 428 people on a train. At the first station, 36 people get off and no one gets on. How many people are on the train now?

Working:

Answer: _____

C. Money

$1 = 100c. The decimal point separates dollars from cents. Cents always need two digits: 5c is $0.05, not $0.5. Change = money you have − money you spend.

Q15. Write the missing amounts.

Using dollars and cents	Using a decimal point
$6 and 40c	
$12 and 5c	
$3 and 75c	
	$8.20
	$14.09
	$0.65

Q16. Use a decimal point to write each amount of money in dollars and cents.

$5	$5	$1	25c	25c	10c	5c

Amount: $ _____

$2	$2	$2	10c	10c	1c	1c	1c

Amount: $ _____

Q17. Look at the price list. Find how much is spent and how much change is left.

Eraser	Sharpener	Highlighter
26c	**30c**	**37c**
Pencil	**Pen**	**Thick felt pen**
18c	**65c**	**45c**

a) Ana has 60c. She buys a sharpener and a pencil. How much does she spend? How much change will she get?

Working:

Spends: _____ Change: _____

b) Omar has 90c. He buys two highlighters. How much does he spend? How much change will he get?

Working:

Spends: _____ Change: _____

c) Zara has $1. She wants to buy a pen and a thick felt pen. Does she have enough money? Explain.

Working:

Q18. Look at the food menu.

Coffee	Tea	Soda	Milkshake	Orange juice
$3	**$2**	**$1.10**	**$3.25**	**$2.20**

a) Hamza buys a tea, a soda and a milkshake. He pays with a $10 note. How much does he spend? How much change will he get?

Working:

Spends: _____ **Change:** _____

b) Lina has $5 to spend on two drinks. She does not like soda. What could she buy? What change would she get?

Working:

Q19. Write a number sentence for each problem and solve it.

a) Two bunches of flowers cost $14. How much does one bunch of flowers cost?

Number sentence: _____

Cost of one bunch: _____

b) Noor pays for a book with a $20 note. She gets $6.50 change. How much does the book cost?

Number sentence: _____

Cost of the book: _____

c) Ali has $40. He buys a bag and gets $2.05 change. How much does the bag cost?

Number sentence: _____

Cost of the bag: _____

Q20. Sibo writes: $5 and 6 cents = $5.6. What mistake has Sibo made? Write the correct amount.

_____

_____

Q21. Imran writes the calculation $40 − ☐ = $15. Write a problem to match Imran's number sentence.

_____

_____

D. Think like a mathematician

A good mathematician looks for a pattern first, then checks every possibility. Ask: what must the ones digits add up to?

Q22. Kiko spilled ink on the ones digits in her calculation.

3● + 2● = 65

What could her calculation have been? Did you find all the possibilities? Write them in the table.

First number	Second number	Total
		65
		65
		65
		65
		65

Complete the sentence: Next time, when I investigate a calculation like Kiko's, I will …

_____

Look what I can do!

- ☐ I can add 2-digit and 3-digit numbers using partitioning, number lines and columns.
- ☐ I can subtract by regrouping a ten for 10 ones.
- ☐ I can use the decimal point to show dollars and cents in the same amount.
- ☐ I can add and subtract amounts of money to find the change.

Answer Key

A. Addition

Q1) 41, 35, 57, 72 Q2) 129, 171, 253, 368 Q3) 142, then 148 Q4) 377, 563, 784

Q5) a) 400 + 60 + 8 = 468 b) 300 + 80 + 13 = 393 Q6) a) 284 cakes b) 299 people c) 181 pears

B. Subtraction

Q7) 33, 45, 56, 76 Q8) 274, 336, 128, 241 Q9) 245, then 244 Q10) 444, 435, 428

Q11) a) 300 + 40 + 4 = 344 b) 352 = 300 + 40 + 12; 200 + 20 + 5 = 225

Q12) Regroup a ten for 10 ones: 72 − 17, 83 − 29, 95 − 8, 54 − 5, 61 − 15. No regrouping: 47 − 3, 66 − 23, 59 − 7

Q13) 345 boys Q14) a) 359 m b) 341 m c) 392 people

C. Money

Q15) $6.40, $12.05, $3.75; $8 and 20c, $14 and 9c, $0 and 65c Q16) $11.65 and $6.23

Q17) a) spends 48c, change 12c b) spends 74c, change 16c c) pen + felt pen = $1.10, so no, Zara needs 10c more

Q18) a) spends $6.35, change $3.65 b) answers vary, e.g. tea + orange juice = $4.20, change 80c

Q19) a) $14 ÷ 2 = $7 b) $20 − ☐ = $6.50, so $13.50 c) $40 − ☐ = $2.05, so $37.95

Q20) Sibo wrote 6 cents as .6 (6 tenths). Cents need two digits, so the correct amount is $5.06 Q21) answers vary, e.g. a toy that costs $25

D. Think like a mathematician

Q22) 36 + 29, 37 + 28, 38 + 27, 39 + 26 (all = 65). The ones digits must add to 15.