ADDITIVE THINKING – SET 7 – PART 1

Ⓐ *Add / Subract Whole Numbers*

56+ 57 =

129 + 28+ 64=

204 + ☐ = 555

635
+ 212

☐ - 299 = 136

908 – 66 =

857
- 183

Ⓑ *Add / Subtract Decimals*

7.3 + 3.5 =

1.2 + 2.4=

7 + ☐ = 8.6

1.4
+2.4

5.1- 2.9 =

6.7 - ☐ = 4.7

6.7
-1.6

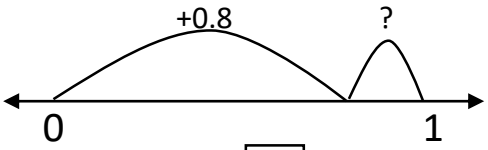
Ⓒ *Make 1 whole number from tenths*

0.6 + ☐ = 1

1 - ☐ = 0.4

☐ + 0.9 = 1

1 – 0.5 =



0.8 + ☐ = 1

Ⓔ *Inverse Equations*

☐ + 45 = 86 → 86 – 45 =

123 + ☐ = 183 → 183 – 123 =

- 39 = 110 → 110 + 39 =

☐

☐ → 21
-36 → +36
21

Ⓕ *Balancing Equations Addition*

73 + 28 = 71 + 30 (-2) (+2)

49 + 23 = 50 + 22 (+__) (-__)

65 + 41 = 60 + ☐

34 + 49 = ☐ + ☐ =

58 + 64 =
(+2) (-2)
60 + ☐ =

175 + 27 =
(-3) (+3)
☐ + ☐ =

Ⓖ *Balancing Equations Subtraction*

86 - 19 = 87 - 20 (+1) (+1)

74 – 33 = 71 - 30 (-3) (-3)

71 - 23 = 70 - ☐

56 - 18 = ☐ - ☐ =

93 - 37 =
(-3) (-3)
90 - ☐ =

167 - 98 =
(+2) (+2)
☐ + ☐ =

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ADDITIVE THINKING – SET 7 – PART 2

(H) *Strong place value knowledge.*

1264.7

Thousands	Hundreds	Tens	Ones

How many hundreds in this number?
How much is the underlined number worth?
What value does the 1 represent in this number?
Write this number in written form.
Write two hundred and six and three tenths as a number.

(I) *Horizontal Place Value Addition*

27 + 38 =
Expand → 20 + 7 + 30 + 8
Add 10s → 20 + 30 = 50
Add 1s → 7 + 8 = 15
Add 10s + 1s → 50 + 15 = 65

56 + 89 =
Add 10s → ☐ + ☐ =
Add 1s → ☐ + ☐ =
Add 10s + 1s → ☐ + ☐ =

(J) *Horizontal Place Value Subtraction*

56 - 15 =
Expand → 20 + 7 + 30 + 8
Add 10s → 20 + 30 = 50
Add 1s → 7 + 8 = 15
Add 10s + 1s → 50 + 15 = 65

56 + 89 =
Add 10s → ☐ + ☐ =
Add 1s → ☐ + ☐ =
Add 10s + 1s → ☐ + ☐ =

(K) *Vertical Place Value Addition*

63 Add 1s column 3+ 2
+12 Adds 10s column 6 + 1

With Regrouping:

1
1 1
2 6
+ 5 7
9 4

Add 1s – 1 + 6 + 7 = 14 or
= **1** ten and **4** ones
Add 10s – 1 + 1 +2+5 = **9** tens

A space to carry the 10s → ☐

1 3 6 + 2 5

4 9 +6 7

(L) *Vertical Place Value Subtraction*

68 Subtract 1s column 8 - 7
+37 Subtract 10s column 6 - 3

With Regrouping:

8 1
~~9~~ 3
- 7 4
1 9

3 – 4 = less than 0, so regroup
9 tens – **1** ten = **8** tens
1 ten + 3 ones = 13 ones
13 – 4 = **9** ones
8 – 7 = 1 ten
1 ten , 9 ones is 19

Provide boxes for regrouping → ☐☐

~~9~~ 2 -2 7

8 4 - 7 7

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