Decimal Number Addition with Estimation

I can estimate and calculate decimal number addition equations (ACMNA128).

Estimate the answer before completing each decimal number equation.

Example:

	Estimate:		Estimate:		Estimate:
36.78 + 12.20	48.00	85.31 + 13.64		307.16 + 182.41	

	Estimate:		Estimate:		Estimate:
96.64 + 52.31		72.89 + 12.10		538.97 + 241.02	

	Estimate:		Estimate:		Estimate:
7.214 + 1.470		6.230 + 6.620		513.45 + 233.23	

	Estimate:		Estimate:		Estimate:
475.48 + 221.01		63.75 + 36.24		842.95 + 516.04	

Read the word problem, write out the equation and complete an estimation before calculating the answer.

For his birthday Archie received $65.00, he spent $23.00 on a new game and $14.00 on a book. How much money did Archie spend and how much change did he receive?

Equation	Estimation

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Decimal Number Addition
with Estimation **Answers**

Estimate the answer before completing each decimal number equation.

Example:

Estimate:

```
  36.78        48.00
+ 12.20
─────────
  48.98
```

Estimate:
Teacher to correct reasonablenesss

```
  85.31
+ 13.64
─────────
  98.95
```

Estimate:
Teacher to correct reasonablenesss

```
  307.16
+ 182.41
─────────
  489.57
```

Estimate:
Teacher to correct reasonablenesss

```
  96.64
+ 52.31
─────────
  148.95
     1
```

Estimate:
Teacher to correct reasonablenesss

```
  72.89
+ 12.10
─────────
  84.99
```

Estimate:
Teacher to correct reasonablenesss

```
  538.97
+ 241.02
─────────
  779.99
```

Estimate:
Teacher to correct reasonablenesss

```
  7.214
+ 1.470
─────────
  8.684
```

Estimate:
Teacher to correct reasonablenesss

```
  6.230
+ 6.620
─────────
  12.850
      1
```

Estimate:
Teacher to correct reasonablenesss

```
  513.45
+ 233.23
─────────
  746.68
```

Estimate:
Teacher to correct reasonablenesss

```
  475.48
+ 221.01
─────────
  696.49
```

Estimate:
Teacher to correct reasonablenesss

```
  63.75
+ 36.24
─────────
  99.99
```

Estimate:
Teacher to correct reasonablenesss

```
  842.95
+ 516.04
─────────
  1358.99
       1
```

Read the word problem, write out the equation and complete an estimation before calculating the answer.

> For his birthday Archie received $65.00, he spent $23.00 on a new game and $14.00 on a book. How much money did Archie spend and how much change did he receive?

Equation		Estimation
Spent:	**Change:**	**Teacher to correct reasonablenesss for both equations**
$23.00	$ ⁵6̶ ¹5.00	
+ $14.00	+ $ 3 7.00	
$37.00	$28.00	

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I can estimate and calculate decimal number addition equations (ACMNA128).

Estimate the answer before completing each decimal number equation.

Example:

Estimate:

```
  36.78      48.00
+ 12.20
_____   _____
```

Estimate: _____

```
   5.855
+  4.273
_____
```

Estimate: _____

```
  694.15
+ 254.32
_____
```

Estimate: _____

```
   4.372
+  3.534
_____
```

Estimate: _____

```
  80.45
+ 19.25
_____
```

Estimate: _____

```
  253.50
+ 154.38
_____
```

Estimate: _____

```
  96.08
+ 34.51
_____
```

Estimate: _____

```
   4.884
+  2.435
_____
```

Estimate: _____

```
  709.30
+ 155.30
_____
```

Estimate: _____

```
  824.15
+ 194.05
_____
```

Estimate: _____

```
  92.96
+ 27.30
_____
```

Estimate: _____

```
  670.48
+ 639.41
_____
```

Read the word problem, write out the equation and complete an estimation before calculating the answer.

Lola had $14.50 saved. Her dad gave her another $5.50 pocket money. She was saving up to buy a new computer game. The game is $49. How much money does Lola already have and how much more does she need to save?

Equation	Estimation

Decimal Number Addition with Estimation **Answers**

Estimate the answer before completing each decimal number equation.

Example:

Estimate:

```
  36.78        48.00
+ 12.20
─────────
  48.98
─────────
```

Estimate:
Teacher to correct reasonablenesss

```
   5.855
 + 4.273
─────────
  10.128
─────────
  1 1 1
```

Estimate:
Teacher to correct reasonablenesss

```
  694.15
+ 254.32
─────────
  948.47
─────────
   1
```

Estimate:
Teacher to correct reasonablenesss

```
   4.372
 + 3.534
─────────
   7.906
─────────
   1
```

Estimate:
Teacher to correct reasonablenesss

```
  80.45
+ 19.25
─────────
  99.70
─────────
   1
```

Estimate:
Teacher to correct reasonablenesss

```
  253.50
+ 154.38
─────────
  407.88
─────────
   1
```

Estimate:
Teacher to correct reasonablenesss

```
   7.214
 + 1.470
─────────
   8.684
─────────
```

Estimate:
Teacher to correct reasonablenesss

```
   6.230
 + 6.620
─────────
  12.850
─────────
   1
```

Estimate:
Teacher to correct reasonablenesss

```
  513.45
+ 233.23
─────────
  746.68
─────────
```

Estimate:
Teacher to correct reasonablenesss

```
  824.15
+ 194.05
─────────
 1018.20
─────────
  11    1
```

Estimate:
Teacher to correct reasonablenesss

```
  92.96
+ 27.30
─────────
 120.26
─────────
  111
```

Estimate:
Teacher to correct reasonablenesss

```
  670.48
+ 639.41
─────────
 1309.89
─────────
  11
```

Read the word problem, write out the equation and complete an estimation before calculating the answer.

Lola had $14.50 saved. Her dad gave her another $5.50 pocket money. She was saving up to buy a new computer game. The game is $49. How much money does Lola already have and how much more does she need to save?

Equation	Estimation
Spent: **Change:**	**Teacher to correct reasonablenesss for both equations**

Spent:

$14.50
+ $5.50
$20.00
11

Change:

$49.00
- $20.00
$20.00

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Decimal Number Addition with Estimation

I can estimate and calculate decimal number addition equations (ACMNA128).

Estimate the answer before completing each decimal number equation.

Example:

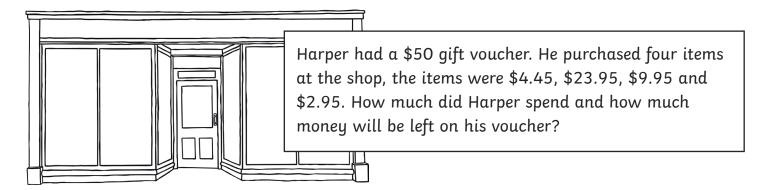|	Estimate:		Estimate:		Estimate:
36.78	__48.00__	479g	_____	35.709	_____
+ 12.20		+ 230g		+ 14.365	
_____		_____		_____	

	Estimate:		Estimate:		Estimate:
60.95cm	_____	9.158m	_____	405.615	_____
+ 48.24cm		+ 3.570m		+ 287.275	
_____		_____		_____	

	Estimate:		Estimate:		Estimate:
79.50	_____	$85.65	_____	650.50kg	_____
+ 44.95		+ $57.45		+ 465.55kg	
_____		_____		_____	

	Estimate:		Estimate:		Estimate:
939.55	_____	$68.90	_____	355.72	_____
+ 163.90		+ $36.45		+ 210.79	
_____		_____		_____	

Read the word problem, write out the equation and complete an estimation before calculating the answer.

Harper had a $50 gift voucher. He purchased four items at the shop, the items were $4.45, $23.95, $9.95 and $2.95. How much did Harper spend and how much money will be left on his voucher?

Equation	Estimation

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Decimal Number Addition with Estimation **Answers**

Estimate the answer before completing each decimal number equation.

Example:

36.78 + 12.20 **48.98**	Estimate: 48.00	479.6g + 230.4g **710.0g** 111	Estimate: Teacher to correct reasonablenesss	35.709 + 14.365 **50.074** 11 1	Estimate: Teacher to correct reasonablenesss
60.95cm + 48.24cm **109.19cm** 1 1	Estimate: Teacher to correct reasonablenesss	9.158m + 3.570m **12.728m** 1 1	Estimate: Teacher to correct reasonablenesss	405.615 + 287.275 **692.890** 1 1	Estimate: Teacher to correct reasonablenesss
79.50 + 44.95 **124.45** 111	Estimate: Teacher to correct reasonablenesss	$85.65 + $57.45 **$143.10** 111 1	Estimate: Teacher to correct reasonablenesss	650.50kg + 465.55kg **1116.05kg** 11 1	Estimate: Teacher to correct reasonablenesss
939.55 + 163.90 **1103.45** 1111	Estimate: Teacher to correct reasonablenesss	$68.90 + $36.45 **$105.35** 111	Estimate: Teacher to correct reasonablenesss	355.72 + 210.79 **566.51** 1 1	Estimate: Teacher to correct reasonablenesss

Read the word problem, write out the equation and complete an estimation before calculating the answer.

Harper had a $50 gift voucher. He purchased four items at the shop, the items were $4.45, $23.95, $9.95 and $2.95. How much did Harper spend and how much money will be left on his voucher?

Equation	Estimation
Spent: $23.95 $9.95 $4.45 + $2.95 ——— $41.30 2 3 2 **Change:** $⁴5̸ ⁹0̸.¹00 - $ 4 1. 30 ——— $ 8. 70	**Teacher to correct reasonablenesss for both equations**

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