acadience®math

Computation

Grade 6 | Benchmark 3

Teacher Key

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Acadience® Math / Computation Grade 6
Benchmark 3 / Form A / Teacher Key

# of digits correct in the final answer	score

1.

$$32.7 + 17.1 = 49.8$$

←

1	1
2	2
3	3
4	4

2.

$$5.68 - 3.46 = 2.22$$

←

1	1
2	2
3	3
4	4

3.

$$837 \times 25 = 20{,}925$$

←

1	2
2	5
3	8
4	11
5	14

4.

→

$$41 \overline{)1230} = 30$$

| 1 | 4 |
| 2 | 9 |

___/31

5.

$$4\frac{6}{10} + 5\frac{1}{5} =$$

$9\frac{4}{5}$ only (9)

OR _____

$9\frac{8}{10}$ or equivalent ←

1	2
2	4
3	6
4	8

6.

$$38.57 + 24.58 = 63.15$$

←

1	1
2	2
3	3
4	4
5	5

7.

$$63.41 - 9.93 = 53.48$$

←

1	1
2	2
3	3
4	4
5	5

8.

$$32.4 \times 1.2 = 38.88$$

←

1	2
2	4
3	6
4	9
5	12

___/31

9.

→

$$2.7 \overline{)837} = 310$$

1	3
2	6
3	10

10.

$$6.78 + 1.85 = 8.63$$

←

1	1
2	2
3	3
4	4

11.

$$2.6 \times 6 = 15.6$$

←

1	1
2	2
3	3
4	4

12.

→

$$21 \overline{)2016} = 96$$

| 1 | 6 |
| 2 | 12 |

___/30

13.

$$6.95 \times 7.3 = 50.735$$

←

1	2
2	4
3	6
4	9
5	12
6	15

14.

→

$$4.7 \overline{)2.82} = .6$$

| 1 | 3 |
| 2 | 6 |

15.

$$5.13 - 2.79 = 2.34$$

←

1	1
2	2
3	3
4	4

16.

→

$$3.1 \overline{)31.93} = 10.3$$

1	4
2	7
3	10
4	14

___/39

Acadience® Math / Computation Grade 6
Benchmark 3 / Form B / Teacher Key

# of digits correct in the final answer	score

1.

```
   73.5
 + 13.4
   86.9
```
←

1	1
2	3
3	3
4	4

2.

```
   6.63
 - 3.51
   3.12
```
←

1	1
2	2
3	3
4	4

3.

```
    632
 x   97
 61,304
```
←

1	2
2	5
3	8
4	11
5	14

4.

→
```
      110
 36 ) 3960
```

___/35

1	4
2	8
3	13

5.

$$8\frac{5}{6} - 5\frac{4}{12} =$$

$$3\frac{1}{2} \text{ only } (9)$$

OR _____

$$3\frac{6}{12} \text{ or equivalent}$$ ←

1	2
2	4
3	6
4	8

6.

```
   17.64
 + 12.86
   30.50
```
←

1	1
2	2
3	3
4	4
5	5

7.

```
   81.36
  -8.79
   72.57
```
←

1	1
2	2
3	3
4	4
5	5

8.

```
   21.3
 x  2.3
  48.99
```
←

___/31

1	2
2	4
3	6
4	9
5	12

9.

→
```
        320
 1.4 ) 448
```

1	3
2	6
3	10

10.

```
   3.56
 + 2.54
   6.10
```
←

1	1
2	2
3	3
4	4

11.

```
   3.2
 x   9
  28.8
```
←

1	1
2	2
3	3
4	4

12.

→
```
       114
 39 ) 4446
```

___/34

1	5
2	10
3	16

13.

```
    2.42
 x   5.7
  13.794
```
←

1	2
2	4
3	6
4	9
5	12
6	15

14.

→
```
         1.2
 2.3 ) 2.76
```

1	4
2	8
3	12

15.

```
   8.15
  -2.67
   5.48
```
←

1	1
2	2
3	3
4	4

16.

→
```
         40.2
 1.9 ) 76.38
```

___/45

1	4
2	7
3	10
4	14