

Place Value to 1,000: math test solutions, Grade 2 – download the PDF

Test solutions with the detailed point scale. Add up your points and spot what to review.

Suggested time: 45 minutes. Out of 20 points. Calculator allowed only when the problem says so.

1 Base-ten blocks

/ 4 pts

- a. 4 flats, 2 rods, 7 cubes: **427** (1 pt).
- b. Four hundred twenty-seven (1 pt).
- c. **427** = **400** + **20** + **7** (1 pt).
- d. The 2 is in the tens place: its value is **20** (1 pt).

2 Digits and words

/ 3 pts

- a. **615** (1 pt).
- b. Two hundred ninety (1 pt).
- c. **805**, with 0 tens (1 pt).

3 Expanded form

/ 3 pts

- a. **371** (1 pt).
- b. **905** (1 pt).
- c. **$408 = 400 + 8$** (1 pt).

4 Skip counting

/ 4 pts

- a. **650, 655, 660** (1 pt).
- b. **800, 810, 820**; after 790 the hundreds digit changes (1 pt).
- c. **325, 425** (1 pt).
- d. 8 hundreds is **$8 \times 10 = 80$ tens: 80 tens** (1 pt).

5 Compose 526

/ 3 pts

- a. **$526 - 400 - 6 = 120$** , which is **12 tens** (1 pt).
- b. **$526 - 300 - 6 = 220$** , which is **22 tens** (1 pt).
- c. **$526 - 6 = 520$** , which is **52 tens** (1 pt).

6 Marbles

/ 3 pts

- a. **$700 + 90 + 4 = 794$** . **794 marbles** (1 pt).
- b. One more jar adds 100: **$794 + 100 = 894$** . **894 marbles** (1 pt).
- c. **$900 - 894 = 6$** . **6 more marbles** (1 pt).



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