

Numbers to 20 and Strategies: math test solutions, Grade 1 – 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 Teen numbers and counting

/ 3 pts

- (a) $10 + 8 = 18$ (1 pt)
- (b) $16 = 10 + 6$ (1 pt)
- (c) 18, 19, 20, 21 (1 pt)

2 Counting on

/ 3 pts

- (a) 15, 16, 17. So $14 + 3 = 17$. (1 pt)
- (b) 12, 13, 14, 15, 16. So $11 + 5 = 16$. (1 pt)
- (c) 17, 18, 19, 20. So $16 + 4 = 20$. (1 pt)

3 Making ten and near doubles

/ 4 pts

(a) 9 needs 1 to make ten, so split 7 into 1 and 6. $9 + 1 = 10$ (1 pt). $10 + 6 = 16$, so $9 + 7 = 16$ (1 pt).

(b) $9 + 9 = 18$ (1 pt). One more is 19, so $9 + 10 = 19$ (1 pt).

4 Subtracting

/ 4 pts

(a) 16, 15, 14. So $17 - 3 = 14$. (1 pt)

(b) 19, 18, 17, 16. So $20 - 4 = 16$. (1 pt)

(c) $9 + 4 = 13$ (1 pt), so $13 - 9 = 4$ (1 pt).

5 Balloons at the party

/ 3 pts

(a) $9 + 9 = 18$ is a double. Mia has 18 balloons. (1 pt)

(b) $18 - 5 = 13$ by counting back: 17, 16, 15, 14, 13. (1 pt) Mia has 13 balloons left. (1 pt)

6 Compare

/ 3 pts

(a) $8 + 8 = 16$, and 16 is greater than 15. So $>$. (1 pt)

(b) $12 - 5 = 7$. So $=$. (1 pt)

(c) $9 + 4 = 13$, and 13 is less than 14. So $<$. (1 pt)



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