

Shapes and Equal Shares: 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 Name the flat shape

/ 4 pts

- a. triangle (1 pt)
- b. circle (1 pt)
- c. square (1 pt)
- d. rectangle (1 pt)

2 Name the solid

/ 3 pts

- a. A number die is a cube. (1 pt)
- b. A party hat is a cone. (1 pt)
- c. A drum is a cylinder. (1 pt)

3 Compose shapes

/ 3 pts

- a. A rectangle. (1 pt)
- b. A rectangle (or a square). (1 pt)
- c. The big square is a 2 by 2 block, so there are 2 small squares along one side. (1 pt)

4 Equal shares

/ 4 pts

- a. $4 + 4 = 8$. Each friend gets 4 stickers. (1 pt)
- b. $3 + 3 + 3 + 3 = 12$. Each friend gets 3 stickers. (1 pt)
- c. 2 halves make one whole. (1 pt)
- d. Each share is a fourth (or a quarter). (1 pt)

5 True or false

/ 3 pts

- a. True. (1 pt)
- b. False: a circle has no corners. (1 pt)
- c. True: a half comes from 2 equal shares, a fourth from 4 equal shares, so a half is bigger. (1 pt)

6 Banana bread

/ 3 pts

- a. $1 + 2 = 3$ slices. (1 pt)
- b. $4 - 3 = 1$ slice is left. (1 pt)
- c. One slice is one fourth (one quarter) of the banana bread. (1 pt)



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