

Shapes, Arrays and Equal Parts: 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 Polygons

/ 4 pts

- a. Pentagon (1 pt)
- b. Triangle (1 pt)
- c. Hexagon (1 pt)
- d. Quadrilateral (1 pt)

2 Solids

/ 4 pts

- a. 6 faces (1 pt)
- b. 12 edges (1 pt)
- c. 8 vertices (1 pt)
- d. A square (1 pt)

3 Arrays

/ 4 pts

- a. $3 + 3 + 3 + 3 = 12$ (1 pt)
- b. $4 + 4 + 4 = 12$ (1 pt)
- c. There are 12 desks. (1 pt)
- d. $5 + 5 + 5 + 5 + 5 = 25$, so 5 rows. (1 pt)

4 Squares in a rectangle

/ 5 pts

- a. $5 + 5 = 10$ squares (2 pts)
- b. Half of 10 is 5, because $5 + 5 = 10$. Shade 5 squares, for example one row. (2 pts)
- c. If the squares differ, the parts are not equal shares, and the count would not describe equal rows and columns. (1 pt)

5 Equal parts

/ 3 pts

- a. One fourth (1 pt)
- b. 4 parts make the whole circle. (1 pt)
- c. No. Halves must be 2 parts of the same size. (1 pt)



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