Steady Steps Maths

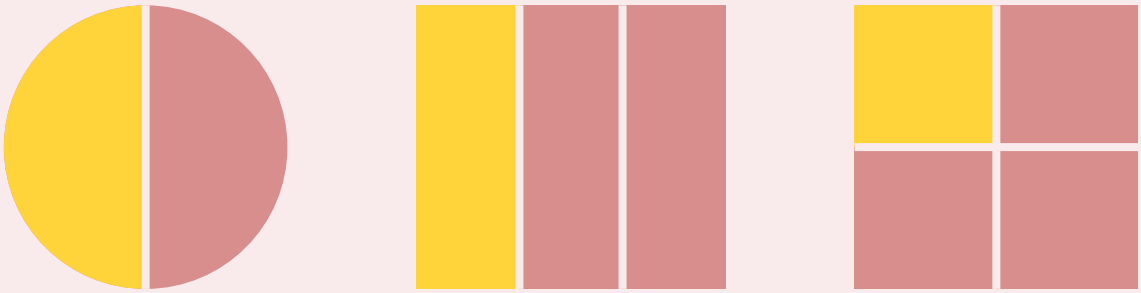
FREE SAMPLE WORKSHEET · TOPIC 11

FREE SAMPLE

Shapes & Equal Shares

Free sample worksheet · with answers

GRADE 2



halves thirds fourths

Common Core 2.G.A.1–3

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Name _____ Date _____

Quick recap

The big idea from each pack in this topic. Read it first, then try the questions.

Learn it · Pack 1 · 2D and 3D shapes

Name a flat shape by counting its sides.

3 triangle · 4 quadrilateral · 5 pentagon · 6 hexagon.

Learn it · Pack 2 · Rows and columns

Add one row at a time.

3 rows of 5 squares: 5 + 5 + 5 = **15**.

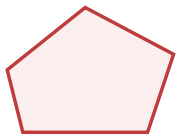
Learn it · Pack 3 · Equal shares

Halves, thirds and fourths must all be the same size.

2 equal shares: halves. 3: thirds. 4: fourths (quarters).

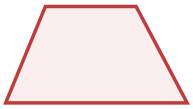
PACK 1 2D & 3D Shapes

1 How many sides does this shape have?



Answer

2 Name this shape.



Answer

3 Is a square a quadrilateral? Why?

Answer

4 A dice is a cube. How many square faces does it have?

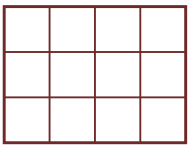
Answer

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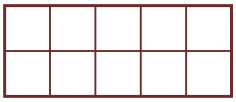
PACK 2 Rows & Columns of Squares

5 How many squares are in this rectangle?



Answer

6 How many rows and columns does this rectangle have?



Answer

7 A rectangle has 2 rows of 7 squares. How many squares?

Answer

8 Write an addition for 4 rows of 3 squares.

Answer

PACK 3 Halves, Thirds & Fourths

9 Is this shape split into thirds? Why?



Answer

10 What part is shaded?



Answer

11 Which is bigger: a half or a third of the same cake?

Answer

12 How many halves make one whole?

Answer

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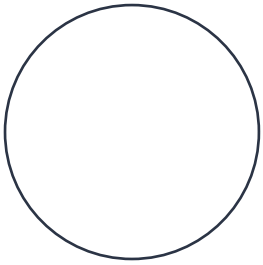
Real life

Read carefully, then show your working

13 A tray of biscuits has 3 rows with 4 biscuits in each row.
(a) How many biscuits are there? (b) They are shared equally between 2 children. How many does each child get?

Answer

14 Four friends share a pizza equally. Draw lines on the circle to show the shares. What is each friend's share called?



Answer

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Answer key

For parents · check the steps as well as the final answer

Pack 1	**1)** 5 **2)** a quadrilateral (trapezoid also fine) **3)** yes: it has 4 straight sides **4)** 6
Pack 2	**5)** 12 **6)** 2 rows, 5 columns **7)** 14 **8)** 3 + 3 + 3 + 3 = 12
Pack 3	**9)** No: the parts are not the same size **10)** one third **11)** a half **12)** 2
Real life	**13)** (a) 4 + 4 + 4 = 12 (b) 6 each (6 + 6 = 12) **14)** the circle split into 4 equal parts; one fourth (a quarter)

Tip: Drawings only need to look about right. For equal shares, the parts must be (about) the same size.

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Enjoyed this sample?

This sheet has 14 questions. The full topic has 101, plus 10 unit tests.

Everything a Grade 2 student needs on shapes: sides, angles and faces, triangles, quadrilaterals, pentagons, hexagons and cubes, splitting rectangles into rows and columns of squares, and halves, thirds and fourths of circles and rectangles.

What you get	What's inside	Questions
Pack 1 · 2D & 3D Shapes	Learn-it boxes, worked examples, practice, word problems, self-check and answer key · Common Core 2.G.A.1	33
Pack 2 · Rows & Columns of Squares	Learn-it boxes, worked examples, practice, word problems, self-check and answer key · Common Core 2.G.A.2	34
Pack 3 · Halves, Thirds & Fourths	Learn-it boxes, worked examples, practice, word problems, self-check and answer key · Common Core 2.G.A.3	34
Complete Topic book	All 3 packs in one book with a contents page	101
10 Unit Tests (A–J)	40 marks each, about 40 minutes, with a mark scheme and a “what to revise” table. **Test A is free.**	18 per test

How to use this sample

1. Let your child read the recap page and try the questions on their own.
2. Mark together with the answer key. Each section shows which pack it comes from.
3. If a section felt hard, that pack is the place to start. If it all felt easy, try the free Unit Test A.

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