Test - Fractions: halves and quarters

Year: Year 1 · Duration: 20 minutes · /20

Name:	Date:	**Mark: /20**

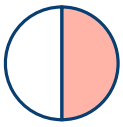
Question	1	2	3	4	5	Total
marks	4	4	4	4	4	**20**
Mark						

Show your working.

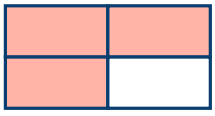
Question 1 (4 marks)

Question 1 – Halves and quarters

Look at the shapes.

a.  What fraction is coloured? (1 mark)

b.  What fraction is coloured? (1 mark)

c.  What fraction is coloured? (1 mark)

d. How many quarters make a whole? (1 mark)

Question 2 (4 marks)

Question 2 – Half of a number

Work out each answer.

a. Half of 6 (1 mark)
b. Half of 14 (1 mark)
c. Half of 20 (1 mark)
d. Is half of 9 a whole number? Explain. (1 mark)

Question 3 (4 marks)

Question 3 – Quarter of a number

Work out each answer.

a. A quarter of 4 (1 mark)

b. A quarter of 8 (1 mark)
c. A quarter of 16 (1 mark)
d. A quarter of 20 (1 mark)

Question 4 (4 marks)

Question 4 – Are they equal?

A square is cut into pieces.

a. Ben cuts a square into 2 pieces that are the same size. What is each piece called? (1 mark)
b. Cara cuts a square into 4 pieces that are the same size. What is each piece called? (1 mark)
c. Dev cuts a square into 2 pieces. One is big and one is small. Has he made halves? Explain. (1 mark)
d. Two quarters make what other fraction? (1 mark)

Question 5 (4 marks)

Question 5 – Problem: the cake

A cake has 8 equal slices. Nina eats a quarter of the cake. Her brother eats half of the cake.

a. How many slices does Nina eat? (1 mark)
b. How many slices does her brother eat? (1 mark)
c. How many slices have been eaten in all? (1 mark)
d. How many slices are left? What fraction of the cake is that? (1 mark)