Unit 14

Strengthen activities

MISCONCEPTION: When finding halves and quarters of shapes, children do not realise that each half or quarter needs to be the same size.

Answers

Textbook p80

1. Answer C, **3.** Answer C

MISCONCEPTION: When finding halves and quarters of a number of objects children do not realise that each half or quarter must have the same number of objects in it in it, and therefore make halves or quarters that are not equal sizes.

Answers

3. $\frac{1}{2}$ of 16 counters is 8 counters. $\frac{1}{4}$ of 16 counters is 4 counters.

Textbook p80

Answer B

MISCONCEPTION: Children may be able to find halves and quarters of shapes or physical objects, but not be able to find halves or quarters of 'abstract' numbers.

Answers

2. Children circle the dots in 2 or 4 equal groups.

$\frac{1}{2}$ of 16 is 8. $\frac{1}{4}$ of 16 is 4.

Deepen activities

Answers

Activity 1

Halves: All the shapes.

Quarters: Rectangle, circle, diamond.

Activity 2

Each person will get half a cake.

Activity 3

Answers will vary. Each grid should have any three boxes shaded.