Day 2 Answers

Task 1	Task 2	Task 3	Task 4
Developing Task Answers 1. 12 cm 2. 20 cm 3. 16 cm 4. 24 cm 5. 32 cm 6. 30 cm 7. 22 cm 8. 30 cm **Practice** 1. 32 m², 24 m 2. 36 m², 28 m 3. 30 m², 26 m 4. 45 m², 28 m 5. 36 m², 24 m 6. 24 m², 28 m	**Arithmetic** 8. 120 9. $5\frac{3}{5}$ 10. 2836 11. 47 12. 2978 13. 206.1 14. 49.6 or $49\frac{3}{5}$ or 49 r3	**Problem Solving** **Task 1** Award **TWO** marks for the correct answer of 144 If the answer is incorrect, award **ONE** mark for evidence of an appropriate method, e.g. • $8 \times 6 = 48$ $48 \div 4 = 13$ (error) $13 \times 13 = 169$ **OR** Award **ONE** mark for: • evidence for the side length of the square calculated correctly, i.e. 12 *Answer need not be obtained for the award of ONE mark.* **Task 2** Award **TWO** marks for the correct answer of 42 If the answer is incorrect award **ONE** mark for evidence of appropriate working, eg: ■ $28 \div 4 = 7$ $7 \times 6 = $ wrong answer **OR** ■ $28 \div 2 = 14$	**Reasoning** **Task 1** True. Children explore this by drawing rectangles and comparing both area and perimeter. **Task 2** The greatest area is a 15 m × 15 m square, giving 225 m² Children may create rectangles by increasing one side by 1 unit and decreasing one side by 1 unit e.g. 16 × 14 = 224 m² 17 × 13 = 221 m²

Day 2 Answers

14 + 28 = wrong answer

Working must be carried through to reach an answer for the award of ONE mark.

Task 3

Completes all three rows correctly, eg:

rectangle	3cm	3cm	15cm	15cm
rhombus	9cm	9cm	9cm	9cm
kite	10cm	10cm	8cm	8cm

Measures

Accept Side lengths in each row may be given in any order

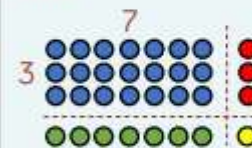*Accept correct values with cm omitted eg, for the rectangle:*

• *15   3   15*

     or

Completes two rows correctly

Task 3

If the sum of the length and width is 10, then the area will always increase by 11

Children may use arrays to explore this:

The red and green will always total 10 and the yellow will increase that by 1 to 11

Day 2 Answers