Year 4 Home Learning 15.6.20-19.6.20 Week 11

Maths Answers

Lesson One: Perimeter

Marked online on MyMaths when activity is completed.

Paper copy answers – Introducing Perimeter

1. 22cm
2. 18 cm

Paper copy answers – Perimeter

2a. 72cm

2b. Rectangle – 9cm, 9cm, 7cm and 7cm

9cm +9cm = 18cm   32cm-18cm = 14cm   14cm ÷ 2 = 7cm

2c. 26cm

2d. Each side = 12cm because every side of an equilateral triangle is the same.

36cm ÷ 3 = 12cm

Lesson Two: Area

Marked online on MyMaths when activity is completed.

Paper copy answers – Introducing Area

1a. 6cm2

1b. 8cm2

1c. 8cm2

1d. 8cm2

1e. 6cm2

2a. 28cm2

2b.20cm2

2c.15cm2

2d. 27cm2

Lesson 3: Perimeter and Area Problems

1. 414m
2. 62m

Areas:

1. 16cm^2

2. 24cm^2

3. 27cm^2

4. 21cm^2

5. 26cm^2

Questions

1. What is the area of chocolate box number 4?
   The area of chocolate box 4 is 21cm^2.

2. Which chocolate box has the largest area?
   Chocolate box number 3 has the largest area.

3. Which chocolate box has the smallest area?
   Chocolate box number 1 has the smallest area.

4. What is the difference in area between chocolate box number 1 and 2?
   The difference is 24 – 16 = 8cm^2.

5. What is the difference in area between chocolate box number 3 and 5?
   The difference is 27 - 26 = 1cm^2

6. What is total area of all the chocolate boxes together?
   The total is 16 + 24 + 27 + 21 + 26 = 114cm^2

7. Which box of chocolates would you want to eat and why?
   Answers example: I would want to eat chocolate box number 3 because it has the largest areas so it should have the most chocolates.

Challenge/Extension: Test style questions on Perimeter and Area

1. 11 squares
2. 14