KS2 Maths: Answers

Episode 1: Measuring area:
Shape 1 = 9cm²
Shape 2 = 18cm² (36 ÷ 2)
Shape 3 = 39cm²
Shape 4 = 34cm² (28 + 6)
Shape 5 = 5 ½ cm² (approx.)

Episode 2: Perimeter
Shape 1 = 80cm
Shape 2 = 200cm
Shape 3 = 280cm
Shape 4 = 220cm

Episode 3: Volume
1. 1m³
2. 4m³
3. 24m³
4. 60m³

Episode 4: Metric and imperial measurements

METRIC

kilometres
millilitres   metres
centimetres
litres

Imperial

stones   ounces
miles   inches
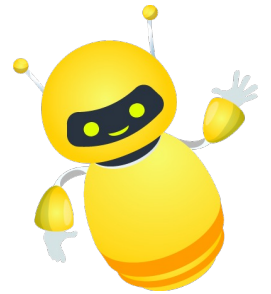pints
feet
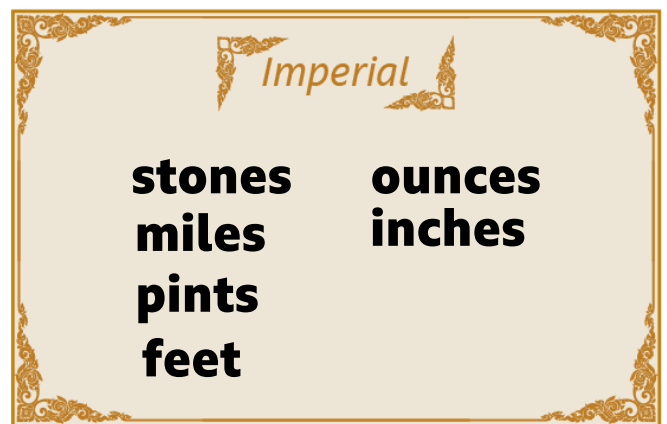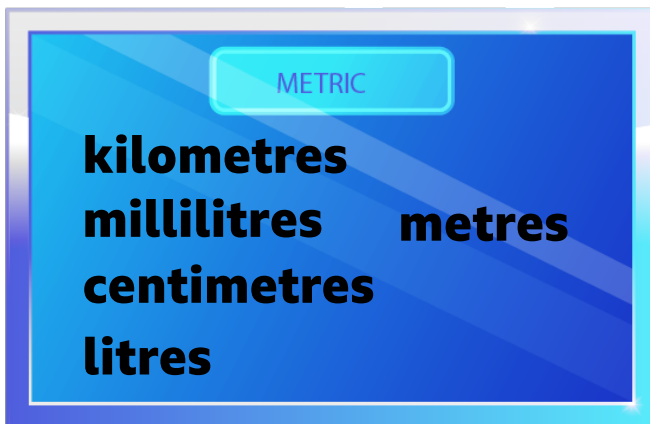
Episode 5: Types of angles

Angle 1 = obtuse angle
Angle 2 = reflex angle
Angle 3 = acute angle
Angle 4 = right angle

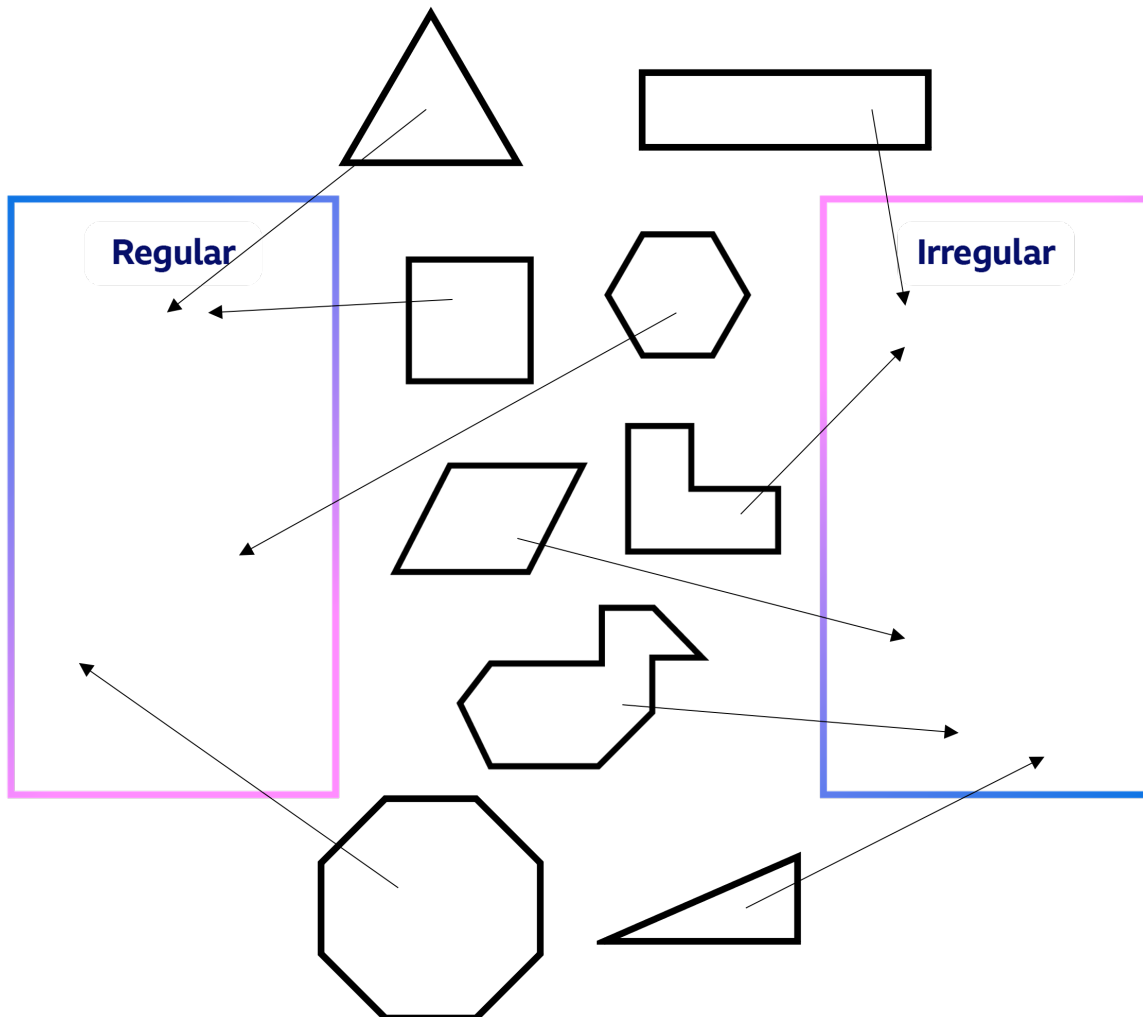**Episode 6: calculating missing angles**

Angle 1 = 140°
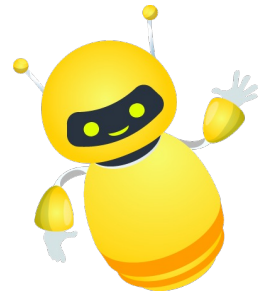Angle 2 = 56°
Angle 3 = 167°
Angle 4 = 48°

KS2 Maths: Answers

Episode 7: Missing lengths and angles

Length a = 3cm
Length b = 6cm
Perimeter = 28cm
Angle c = 270°
Angle d = 90°
Angle e = 20 °

Episode 8: Polygons sorting

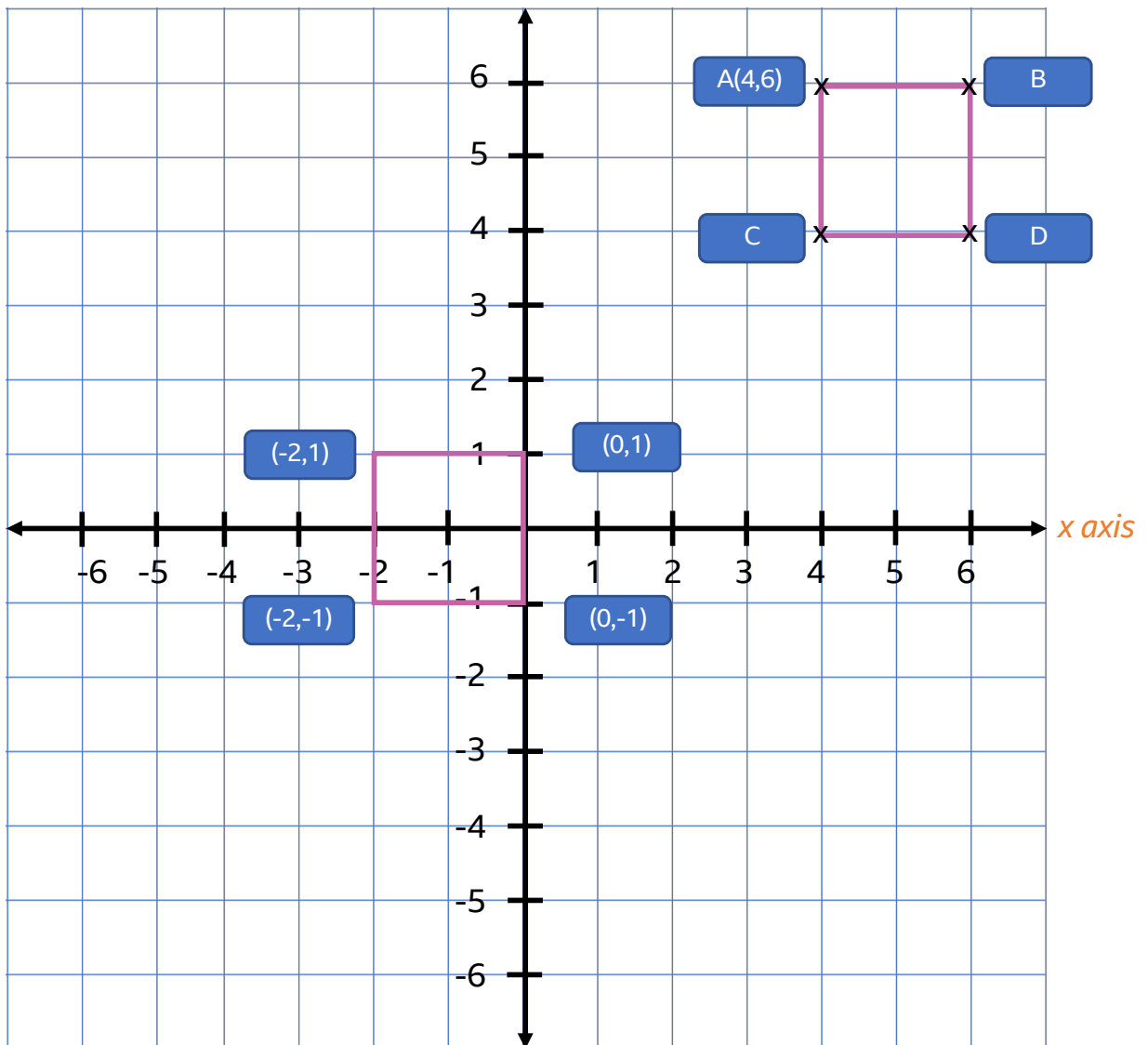# KS2 Maths: Answers

Episode 9: Coordinates on a grid

1. 1. Write down the coordinates for the remaining points on the shape:
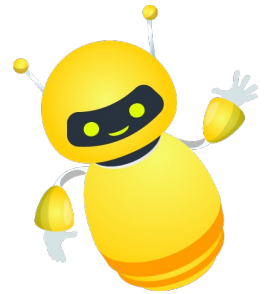B(6,6)
C(4,4)
D(6,4)

2. . Translate (or move) the shape 5 points down and six points left.

A(4,6)   B

C   D

(-2,1)   (0,1)

x axis

-6 -5 -4 -3 -2 -1   1   2   3   4   5   6

(-2,-1)   (0,-1)

6
5
4
3
2
1
-1
-2
-3
-4
-5
-6

KS2 Maths: Answers

Episode 10: Units of time

1. **4 minutes** and **12 seconds**   = 252 seconds

2. **600 seconds**   = 10 minutes

3. **5 hours** and **37 minutes**   = 337 minutes

4. **240 minutes**   = 4 hours

5. **3 days** and **1 hour**   = 73 hours

6. **144 hours**   = 6 days

7. **6 weeks** and **3 days**   = 45 days

8. **63 days**   = 9 weeks

9. **2 years** and **3 weeks**   = 107 weeks

10. **Kayla** finishes a race in **4 minutes** and **Zack** finishes in **245 seconds**.
    Who finishes first: **Kayla** or **Zack**? *(circle the correct answer)*
       4minutes = 240 seconds