1 Hiring a BBQ for an event costs £140 per day plus a £35 booking per booking.

Which of the expressions is valid for a 3 day booking?

A (140 + 35) × 3 **B** 140 + (35 × 3) **C** (140 × 3) + 35 **D** 140 × 35 × 3

1

2 A train is scheduled to depart from London Paddington station at 11:35 am.

If the train actually departs 12 minutes later than the scheduled time, what time does it depart according to the 24-hour clock format?

A 11:47 **B** 23:47 **C** 12:47 **D** 10:47

1

3 A box of 8 chocolate bars costs £5.60.

A box of 4 fudge bars costs £3.20.

How much more does one chocolate bar cost compared to one fudge bar?

A £0.10 **B** £0.20 **C** £0.30 **D** £0.40

1

4 In a school, there are 864 pupils.

If each class has the same number of pupils, which of the following could not be the number of classes in the school?

A 12 **B** 18 **C** 24 **D** 36

1

5 Amelia has 96 stickers that she wants to put into her sticker album.

She wants to have the same number of stickers on each page.

How many stickers could Amelia put on each page so that none are left over?

A 8 **B** 12 **C** 16 **D** 24

1

6 In a triangle, two of the angles are known.

Angle A measures 53° and angle B measures 41°.

Calculate the size of angle C.

A 86° **B** 96° **C** 74° **D** 106°

1

7 A 750 ml bottle of orange juice costs £2.49.

Sarah needs to buy enough orange juice for her party, which will require 6 750 ml.

How much will Sarah need to spend on orange juice for her party?

A £22.41 **B** £20.92 **C** £23.90 **D** £21.17

1

8 A film has a running time of 6,480 seconds.

What is the duration of the film in minutes and seconds?

A 1 hour and 48 minutes **B** 1 hour, 47 minutes and 60 seconds **C** 1 hour, 48 minutes and 0 seconds **D** 2 hours and 8 minutes

1

9 A decorative garden brick is approximately 215 mm long.

Peter needs enough bricks to line his 4 m x 4 m lawn.

How many bricks will Peter need to line his lawn?

A 70 **B** 74 **C** 75 **D** 85

1

10 Amelia has x pens in her pencil case.

Oliver has 3 more pens than Amelia.

What is the total number of pens that Amelia and Oliver have?

A $2x + 3$ **B** $x + 3$ **C** $4x$ **D** $2(x + 3)$

1