1. Which boat shows an even number?

(A)   (B)

(C)   (D)

2. This is a map of the Palm River area.

Which of these is located at C6 on the map?

(A)   Gold Town
(B)   Miro Marsh
(C)   Palm River
(D)   Turtle Creek

3. $29 + 46 = $

(A)   65
(B)   67
(C)   74
(D)   75

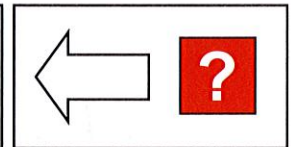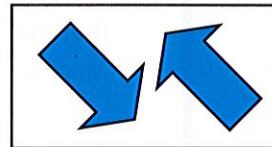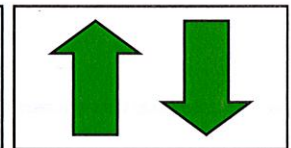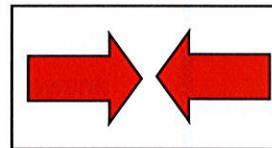4. Which of these shows seven thousand four hundred and six?
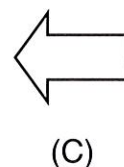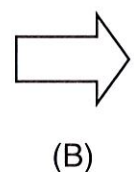
(A)

(B)

(C)

(D)

5. The arrows on these cards follow a pattern.

Which arrow is missing from the last card?

(A)   (B)

(C)   (D)

6. $24 \times 3 = $

(A) 92   (B) 81

(C) 72   (D) 62

1. Which boat shows an even number?

(A)   (B)

(C)   (D)

2. This is a map of the Palm River area.

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(A)   Gold Town
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(C)   Palm River
(D)   Turtle Creek

3. 29 + 46 = ?

(A)   65
(B)   67
(C)   74
(D)   75

4. Which of these shows seven thousand four hundred and six?

(A) 0 0 0 7 4 6

(B) 0 0 7 4 0 6
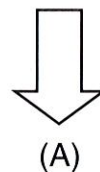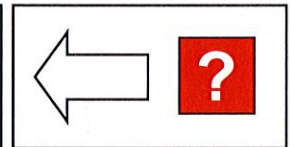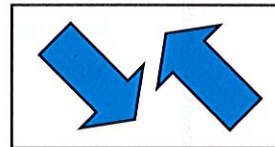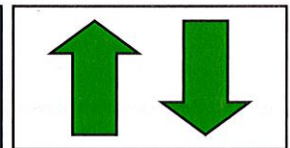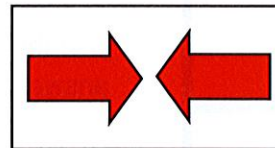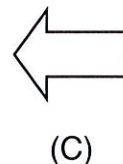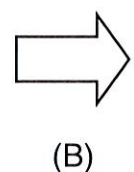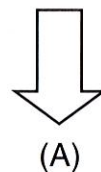
(C) 0 0 7 4 6 0

(D) 0 7 0 4 0 6

5. The arrows on these cards follow a pattern.
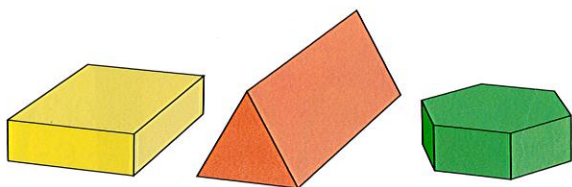

Which arrow is missing from the last card?

(A)   (B)

(C)   (D)

6. 24 × 3 = ?

(A) 92   (B) 81

(C) 72   (D) 62

7. Here are some blocks.

What name best describes these blocks?

(A)   prisms

(B)   pyramids

(C)   polygons

(D)   cubes

8. Here is a calendar for October 2005.

October 2005

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Max's birthday is on **4 November**.

In 2005, on which day of the week is Max's birthday?

(A)   Tuesday

(B)   Wednesday

(C)   Thursday

(D)   Friday

9. Chris has these 5 cards.

He turns the cards over, mixes them up and chooses one.

Which card is he most likely to choose?

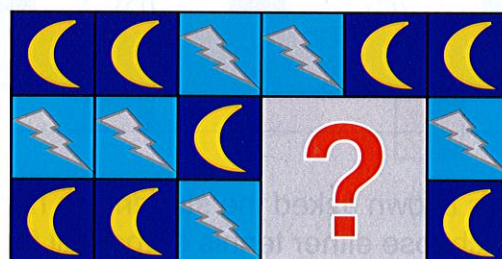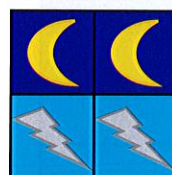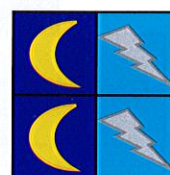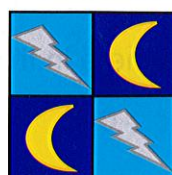(A)

(B)

(C)

(D)

10. A part of this pattern is missing.
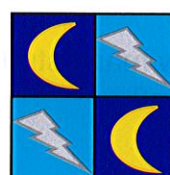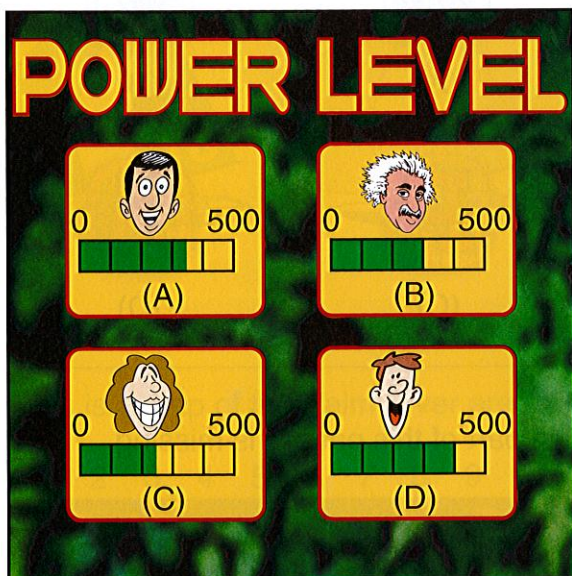

Which picture shows the missing part?

(A)   (B)

(C)   (D)

3

11. 186 − 47 = ❓

(A) 149
(B) 141
(C) 139
(D) 39

12. This screen shows the power level of four players in a computer game.

Which player has a power level of 350?

13. Mrs Brown asked the students in her class to choose either tennis or football for sport.

This table shows the results.

	Tennis	Football
Girls	5	8
Boys	3	12

How many students are there in this class?

(A) 28
(B) 20
(C) 15
(D) 12

14. This solid is made from cubes.

front   right side
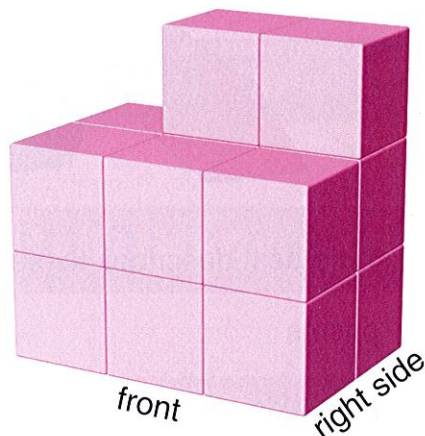
Which view shows this solid from the left side?

(A)   (B)

(C)   (D)
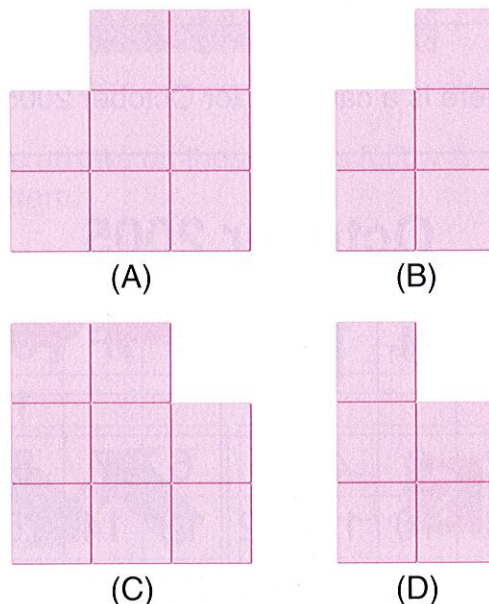
15. There are 30 students in Mr Johnson's class. He wants to give each student a sticker.

This is a row of Mr Johnson's stickers.

How many rows of stickers does he need?

(A) 4
(B) 5
(C) 7
(D) 30

4

16. Which clock shows 4:45?

(A)

(B)

(C)

(D)

17. Which of these shapes is one-third coloured?
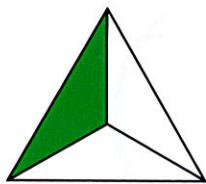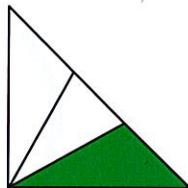

(A)

(B)
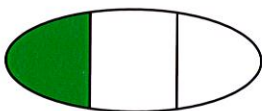
(C)
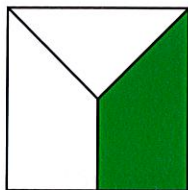
(D)

18. Eight apples fit into a small box. Twice as many fit into a large box.

Reena has 3 of the small boxes and 2 of the large boxes.

What is the total number of apples that can fit into Reena's boxes?

(A)   64

(B)   56

(C)   40

(D)   28

19. Here is an open box.

Which of these nets will **NOT** fold to make an open box?

(A)

(B)
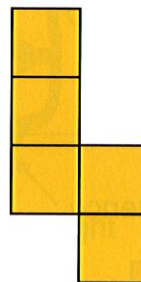
(C)

(D)

20. Here is a number line.
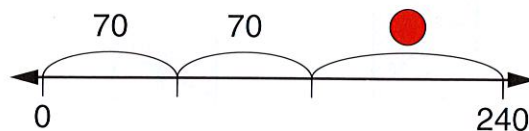
Which of these will give the value of ● ?

(A) $240 \div 3$

(B) $240 \div 140$

(C) $240 + 70 + 70$

(D) $240 - 70 - 70$

21. Here is a map of Holiday Island.

Scale: ⊢——⊣ = 20 km
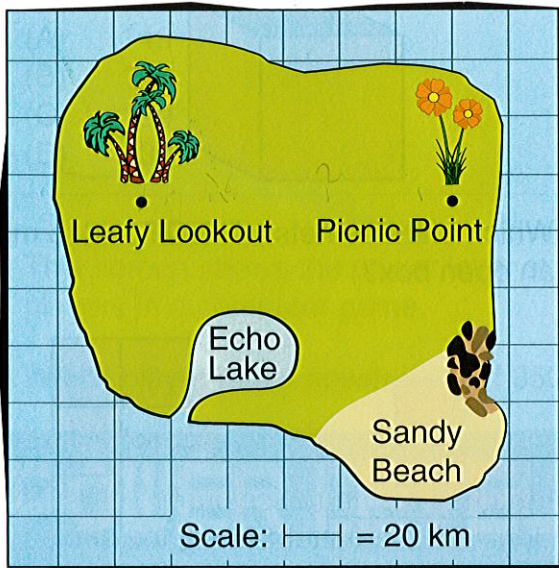
What is the distance from Leafy Lookout to Picnic Point, in kilometres?

(A)   75
(B)   100
(C)   110
(D)   125
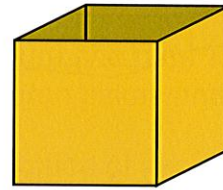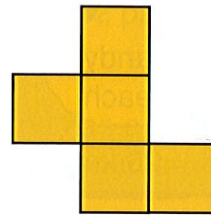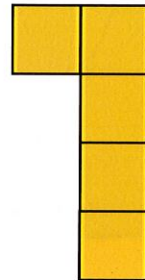
22. These shapes form a sequence.
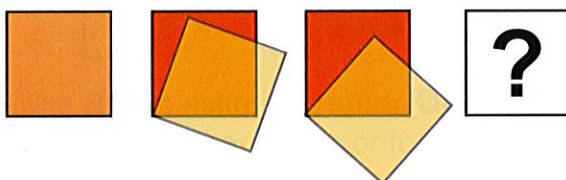
What is the next shape in this sequence?
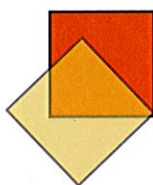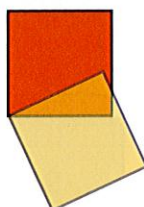
(A)   (B)
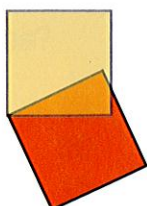
(C)   (D)

23. 8012 ÷ 4 = ❓

(A)   23
(B)   203
(C)   2003
(D)   2030

24. Renee turned the front wheel of her bike, as shown.

Before the turn

After the turn

Which of the following explains how Renee turned the wheel?

(A)   a three-quarter turn clockwise

(B)   a three-quarter turn anticlockwise

(C)   a quarter turn clockwise

(D)   a half turn anticlockwise

25. The Happyville School band raised money for a band camp.

This pictograph shows how much money the band raised each week.
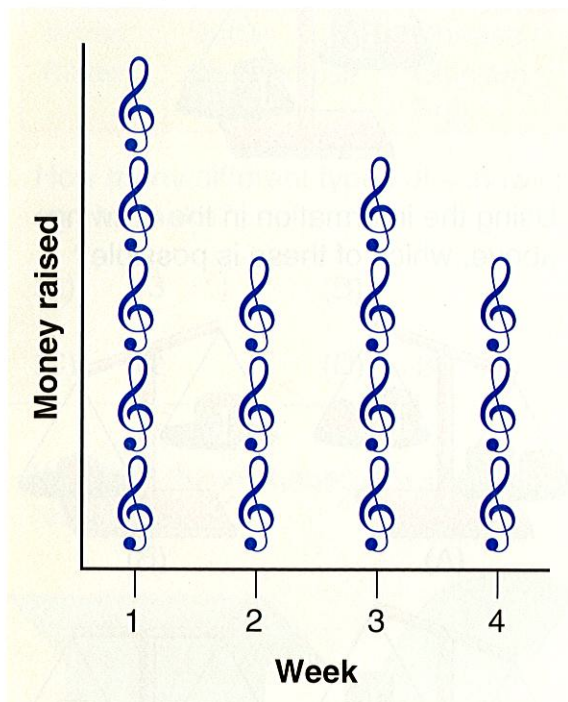
The band raised $60 in Week 3.

How much did they raise in Week 2?

(A) $15
(B) $30
(C) $45
(D) $50

26. Gino built this solid.
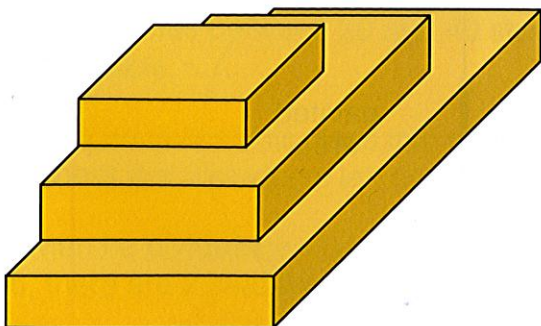
How many faces does it have?

(A) 9
(B) 11
(C) 14
(D) 16

27. Mrs Simpson makes her own breakfast mixture.

In her mixture she puts 1 cup of dried fruit, 2 cups of bran flakes and 2 cups of oats.

What proportion of her mixture is bran flakes?

(A) 1 part in 3
(B) 1 part in 5
(C) 2 parts in 3
(D) 2 parts in 5

28. Ana has a string of coloured lights. The lights form a pattern along the string.

coloured lights continue

1st light
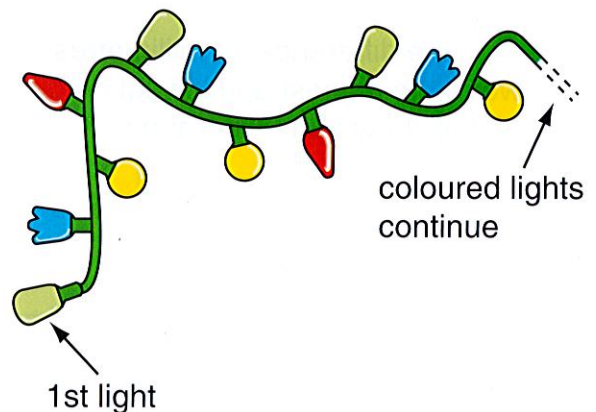
Which shape is the 30th light on the string?

(A)　(B)

(C)　(D)

29. Molly paid $210 for a desk and a chair.

The chair cost $50 more than the desk.

How much did the **chair** cost?

(A) $55
(B) $80
(C) $130
(D) $160

30. This graph shows the amount of rainfall, to the nearest millimetre (mm), in four towns on a particular day.

What is the difference, in millimetres, between the highest and lowest amounts of rainfall shown on this graph?

(A) 6   (B) 7

(C) 8   (D) 9

31. Jon drew a regular hexagon with sides 7 cm in length.

He added an equilateral triangle to each side to make a star.

What is the perimeter of Jon's star, in centimetres?

(A)   42
(B)   84
(C)   98
(D)   126

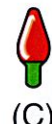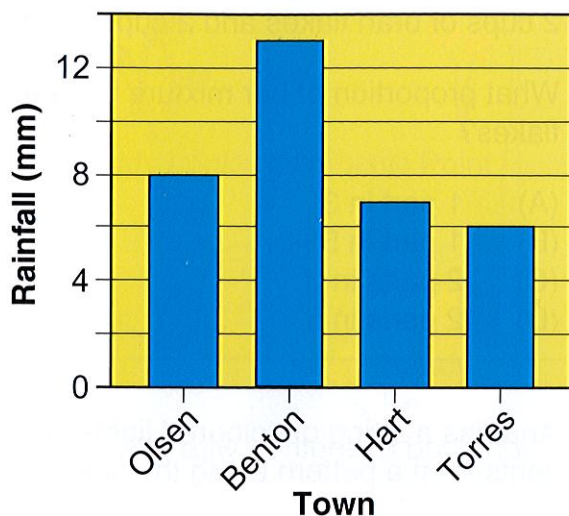**32.** Luke has a balance scale, a pumpkin, a 5 kg mass, a 10 kg mass and a 15 kg mass.

Using the information in the drawing above, which of these is possible?
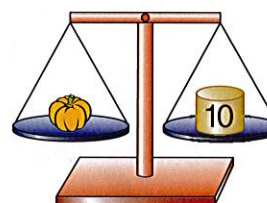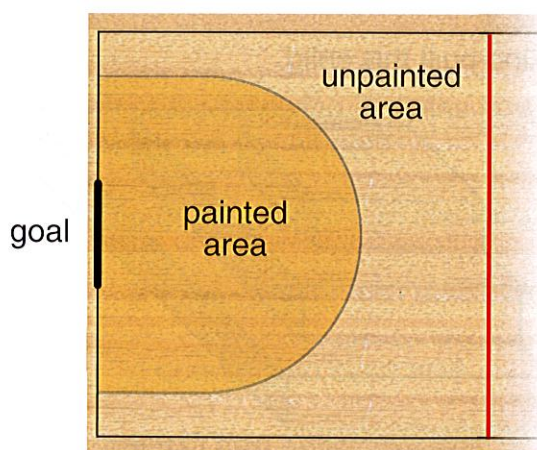
(A)   (B)

(C)   (D)

33. In a game, a goal scored from the painted area is worth 2 points. A goal scored from the unpainted area is worth 3 points.
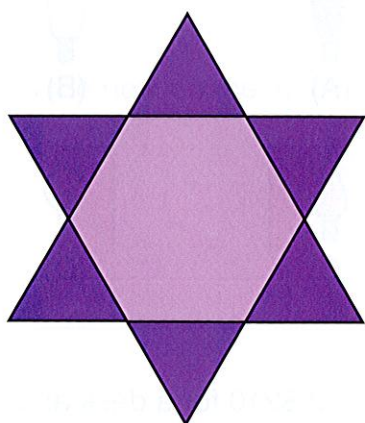
Ali's team scored 56 points from 26 goals.

How many of their goals were worth 3 points?

(A) 2   (B) 4   (C) 6   (D) 10

8

34. Ben is making sandwiches using the breads, spreads and fillings in the table.

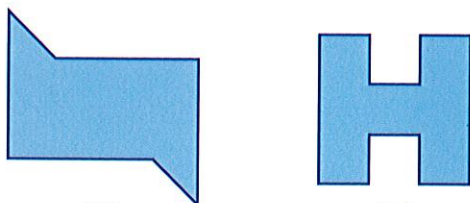| Bread	Spread	Filling
White Brown	Butter Mayonnaise	Cheese Chicken Egg

How many different types of sandwiches can he make?

(A)   3 (B)   7

(C)   12 (D)   36

35. Which of these shapes does **NOT** tessellate?
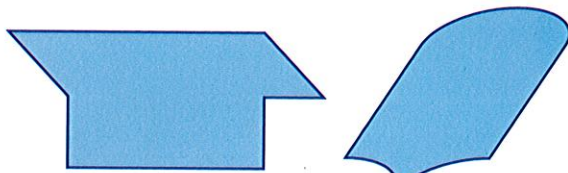
(A) (B)

(C) (D)

36. Mr Abela has between 20 and 40 students in his class.

When he divides his class into groups of 4, there are 3 students left over.

When he divides his class into groups of 5, there are 2 students left over.

If he divides his class into groups of 6, how many students will be left over?

(A)   5
(B)   3
(C)   2
(D)   1

37. Jade bought a bamboo plant that grew 0.5 millimetres every minute.
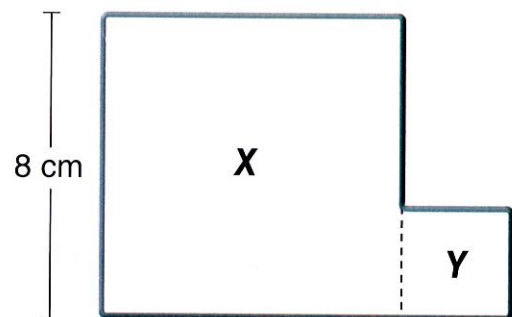
When she bought the plant it was 1 metre tall.

How many **metres** tall would the plant be exactly 5 days later?

(A)   1.06
(B)   1.36
(C)   3.6
(D)   4.6

38. Phong had a length of wire 38 cm long.
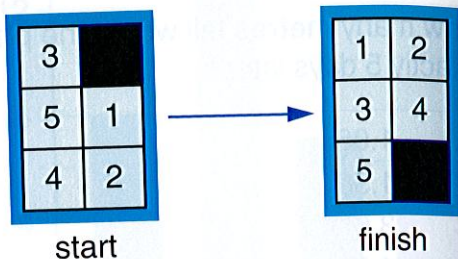
He bent the wire to make this shape.

NOT TO SCALE

X and **Y** are squares.

What is the area of **Y**, in square centimetres?

(A)   6
(B)   9
(C)   16
(D)   24

9

39. Hannah has a sliding tile puzzle.

She slides one tile at a time either up, down, left or right into an empty black square to finish the puzzle.

start   finish

What is the **least** number of slides Hannah can make to go from start to finish?

(A)   5
(B)   7
(C)   8
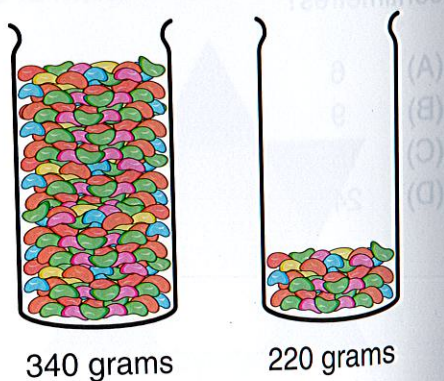(D)   10

40. Kylie put some jellybeans into two identical jars.

She put $\frac{4}{5}$ of the jellybeans into one jar.

She put the rest of the jellybeans into the other jar.

This diagram shows the mass of the jars with the jellybeans.

340 grams   220 grams

What is the mass, in grams, of one of these jars when empty?

(A)   100
(B)   120
(C)   180
(D)   190

END OF PAPER

	2005
1	A
2	B
3	D
4	B
5	B
6	C
7	A
8	D
9	A
10	D
11	C
12	A
13	A
14	D
15	B
16	D
17	A
18	B
19	D
20	D
21	C
22	B
23	C
24	A
25	C
26	C
27	D
28	A
29	C
30	B
31	B
32	C
33	B
34	C
35	A
36	B
37	D
38	B
39	C
40	C