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A

- | | | |
|----------|------|-------|
| 1 BEGI | 6 H | 11 BE |
| 2 ADH | 7 A | 12 CF |
| 3 BEI | 8 I | 13 AD |
| 4 ACDFHJ | 9 J | |
| 5 J | 10 D | |

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B

- | | | | | |
|-----|-----|-----|-----|------|
| 1 G | 3 D | 5 F | 7 I | 9 E |
| 2 A | 4 B | 6 H | 8 C | 10 J |
- 11 triangular prism 5 faces 9 edges 6 vertices
 square based pyramid 5 faces 8 edges 5 vertices
 cuboid 6 faces 12 edges 8 vertices
 triangular based pyramid 4 faces 6 edges 4 vertices
 cube 6 faces 12 edges 8 vertices
 hexagonal prism 8 faces 18 edges 12 vertices
- 12 triangular prism
 13 triangular based pyramid
 14 square
 15 a) 15 b) 10

C

- 1 a) 7 b) 15 c) 10
 2 a) Yes b) A triangular prism
 C cube
 F cuboid
 J hexagonal prism
 3 a) 9 b) 21 c) 14
 4 a) 30 b) 20
 5 a) 6 b) pentagonal
 6 a) 16 b) octagonal
 7 a) 7 b) hexagonal

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A

- 1 A equilateral triangle
 C regular pentagon
 F square
 2 B unequal angles
 D unequal sides
 E unequal angles
 3 a) rectangle b) rhombus

B

- 4 a) 120° b) 60° c) 120° d) 240°

C

- 1 $x = 72^\circ$

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A

- 9 A (0, 4) (6, 4) C (6, 2) (0, 2) E (6, 5) (6, 1) G (4, 1) (4, 5)
 B (2, 6) (2, 0) D (5, 1) (5, 5) F (0, 2) (6, 2) H (5, 0) (1, 0)

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B

- 5 A (2, 6) (2, 0) C (1, 0) (1, 6) E (2, 5) (4, 5) G (6, 2) (0, 2)
 B (6, 4) (6, 2) D (4, 2) (4, 4) F (0, 1) (6, 1) H (4, 0) (2, 0)

C

- 5 A (3, 2) (2, 3) C (8, 3) (3, 8) E (7, 2) (6, 1) G (5, 7) (1, 3)
 B (6, 5) (5, 6) D (6, 3) (3, 6) F (2, 7) (1, 6) H (7, 5) (3, 1)

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A

- 1 72 3 700 5 108
 12 6 35 20 12 9
 6 2 3 7 5 4 4 3 3
- 2 128 4 2700
 8 16 30 90
 4 2 8 3 10 9

B

- 1 5400 4 216
 60 90 18 12
 10 6 15 9 2 6
 5 2 3 5 9 1 2 3
- 2 8000 5 960
 80 100 24 40
 8 10 10 6 4 10
 4 2 5 2 3 2 2 5
- 3 224
 14 16
 7 2 8
 7 1 2 4

C

- 1 15000
 250 60
 25 10 6
 5 5 2 3
- 2 5832
 54 108
 6 9 12
 2 3 3 4
- 3 144000
 240 600
 12 20 30
 3 4 5 6

- 4 Bottom layers 2 5 1 4, 2 1 5 4, 4 5 1 2, 4 1 5 2

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B

- 1 b) (3, 6) (4, 4) (5, 6) 2 a) (5, 3) (5, 5) (6, 6) (6, 4)
 c) (1, 2) (2, 0) (3, 2) b) (3, 0) (3, 2) (4, 3) (4, 1)

C

- 1 b) (3, 1) (4, 3) (5, 0) 2 a) (4, 5) (4, 6) (6, 4) (5, 3)
 c) (0, 4) (1, 6) (2, 3) b) (0, 2) (0, 3) (2, 1) (1, 0)

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B

- 7 a) (6, 5) (4, 7) (5, 8) (7, 8) (7, 6)
 b) (7, 0) (5, 2) (6, 3) (8, 3) (8, 1)
 c) (2, 4) (0, 6) (1, 7) (3, 7) (3, 5)

- C**
 7 a) (2, 9) (3, 12) (4, 11) (5, 12) (4, 9) (3, 10)
 b) (8, 8) (9, 11) (10, 10) (11, 11) (10, 8) (9, 9)
 c) (0, 2) (1, 5) (2, 4) (3, 5) (2, 2) (1, 3)

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- A**
 1 a) 7th
 b) 2nd
 2 a) 14°C
 b) 9°C
 3 a) 3rd
 b) 9th
 4 1st, 11th
 5 4°
 6 2°
 7 a) 4th
 b) 9th
 8 a) 5
 b) 4

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- B**
 1 7th
 2 a) 150
 b) 300
 3 a) 4th
 b) 10th
 4 150
 5 1000
 6 a) 300
 b) 200
 7 100
 8 50
 9 1100

- C**
 1 1 pm
 2 a) 65
 b) 90
 3 a) 3 pm
 b) 11 am
 4 20
 5 25
 6 a) 55
 b) 80
 7 a) 10 am-11 am
 b) 1 pm-2 pm
 8 102
 9 51

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- A**
 1 20°C
 2 4 minutes
 3 40°C
 4 2 minutes
 5 25°C
 6 a) 12 minutes
 b) 16 minutes
 7 a) 25°C
 b) 75°C
 8 2 minutes, 10 minutes
 9 a) 40°C
 b) 45°C

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- B**
 1 a) May
 b) February, November
 2 a) 6
 b) 12
 3 a) December
 b) June
 4 a) April
 b) September

- C**
 1 July
 2 -6°C
 3 a) August
 b) February
 4 a) 16°C
 b) -5°C
 5 a) May
 b) October
 6 a) 7°C
 b) 18°C
 7 a) 6°C
 b) 24°C
 8 a) May, June, July, August, September
 b) January, February, November, December

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1 b)

Flavour	Number chosen
hazelnut	8
orange	5
peach	9
strawberry	6

2 b)

Age	Children
8	6
9	11
10	9
11	10

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1 b)

No. of goals	No. of matches
0	9
1	17
2	15
3	6
4	3

2 b)

Colour	No. of caps
black	10
red	8
white	15
yellow	9

1

River depth	No. of weeks
2 m	8
3 m	15
4 m	15
5 m	9
6 m	5

A

Restaurant	No. of votes
Chinese	13
English	12
French	11
Italian	15
Thai	9

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- A**
 1 2
 2 88 days
 3 7926 miles
 4 -140°C
 5 17.9 hours
 6 Mars
 7 Jupiter
 8 Saturn
 9 Neptune
 10 Mercury