

2016 2017

1.C

2.A

3.B

4.A

5.(1)

(2)

(3)

(4)

(5)

6. (1)

2

1

(2)

3

1

7.

8.A

9. 1

(2)

10.

11.

1

1

1

13.

1

14 3

2

15 1

1

1

1

16

1

1

17

1

1

18.(3)

1

19.(4)

3

1

20. (3)

1

1

1

21.(2 B A

2016-2017

1-8 3 9-14 2 36
 1-5 DBABD 6-10 BDDAC 11-14 ACAB
 3 12
 15 -3 16 42° 17 2cm 18 (5,0)
 6 52

19. 8

1 4 $x^2 - 4x = 1$

$x^2 - 4x + 4 = 5$

$(x - 2)^2 = 5$

$x - 2 = \pm\sqrt{5}$

$x_1 = 2 + \sqrt{5}$ $x_2 = 2 - \sqrt{5}$

2 4 x k - 1 $x^2 + 4x + 1 = 0$

$\Delta > 0$

$4^2 - 4(k - 1) > 0$

k > 5

20. 8

1 ABCD

AD=BA $\angle BAD = 90^\circ$ $\angle BAQ + \angle DAP = 90^\circ$

DP AQ

$\angle ADP + \angle DAP = 90^\circ$

$\angle BAQ = \angle ADP$

AQ BE Q DP AQ P

$\angle AQB = \angle DPA = 90^\circ$

AQB DPA AAS

AP=BQ 4

2 AQ AP=PQ AQ BQ=PQ DP AP=PQ DP BQ=PQ 8

21. 6

$2a + 2a = \frac{1}{2} \times 2^2 + \frac{1}{2} a^2$ $4a = 2 + \frac{1}{2} a^2$

$a^2 - 8a + 4 = 0$

$a = 4 \pm 2\sqrt{3}$

$$4+2\sqrt{3} \quad 2$$

$$4 \quad 2\sqrt{3} \quad 2$$

$$a=4 \quad 2\sqrt{3}$$

22. $y=kx$

$$6k=360$$

$$k=60$$

$$y=60x \quad 0 \quad 3$$

$$2 \quad 2 \quad 100$$

$$50$$

$$2.8 \quad 60 \times 2.8 + 50 \times 2 = 268$$

$$50 \times 2 = 100 \quad a = 100 + 100 \times \frac{2}{4.8 - 2.8} = 300$$

$$y=50x \quad y=100 \cdot \frac{y}{x} \quad y=100x-180 \quad 2.8$$

$$2.8 \quad 60x+100x-180=300 \quad x=3$$

$$3 \quad 1 \quad 10$$

23. BD

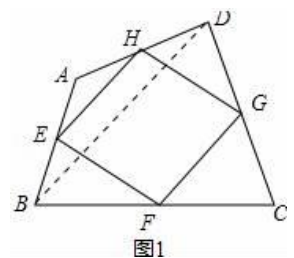
$$EH \parallel AB \parallel DA$$

$$EH \parallel BD \quad EH = \frac{1}{2}BD$$

$$FG \parallel BC \parallel CD$$

$$FG \parallel BD \quad FG = \frac{1}{2}BD$$

$$EH \parallel FG \quad EH = GF$$



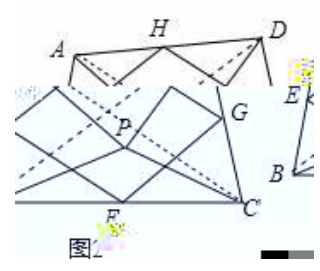
$$EFGH \quad (3)$$

$$APB = CPD$$

$$APB + APD = CPD + APD$$

$$APC = BPD$$

$$APC = BPD$$



APC BPD

AC=BD

E F G AB BC CD

$$EF = \frac{1}{2}AC \quad FG = \frac{1}{2}BD$$

EFGH

EFGH 8

3 EFGH 10

2 AC BD O AC PD M AC EH N

APC BPD

ACP= BDP

DMO= CMP

COD= CPD=90°

EH BD AC HG

EHG= ENO= BOC= DOC=90°

EFGH

EFGH

24.
$$k = -8 \quad -1,2 \quad 2 \quad 4 \quad 8$$
$$-2 \leq k \leq -\frac{1}{3}$$

10

2016-2017

1-5 CBACB

6-10 BBACB

11-15 BCCAB

16-20 BABCA

21.nervous 22. encouraged 23. voice 24. braver 25.progress

26-30 DCACD

31-35 CBCCD

36-40 DBBAC

41-45 CDABC

46-50 CBCAB

51-55 DBABA

56-60 BDDAC

61. get great skin

62. A wide hat can protect your/my face, your/my ears and neck. / Your /My face, ears and neck.

63. Twice a day./ Twice a day is enough./ I should wash my face twice a day.

64. water.

65. / / /

66.strongest 67. tourists 68. heard 69. successfully 70. lead to

71. How soft the scarf felt!

72. The girl named Sally was smiling./The smiling girl was named Sally.

73. We should not depend on parents anymore.

74. An elephant weighs many times more than a panda.

75. How long has he had the toy bear?

It is lucky for me to study in my school. It's big and beautiful. My school life is interesting. My teachers are good and my classmates are friendly. I have learned a lot in my school. First of all, I have learned much knowledge and improved myself in study. Also, I have made many good friends and we have got on well with each other. To make my school better, I think I can help other students with their school work. And I really want to be a school volunteer to protect trees and plant more flowers in my school.

All in all, I love my school. I hope my school will be better and better.

1 5 ADDAC 6 10 CBCCA
11 ACD 12 ABD 13 ABC

14 1 2 3

15

16

17 100 200 200

18 250 2000

19

20

21 1

2

22 1 2 3

4

23 1 3.6 2
3 10^4 3600

24

1

2

$V = 10\text{cm}^3 = 1000\text{cm}^3 = 1 \times 10^{-3}\text{m}^3$
 $G = \rho V = 1.0 \times 10^3\text{kg/m}^3 \times 10\text{N/kg} \times 1 \times 10^{-3}\text{m}^3 = 10\text{N}$
 $G = m_B g = 0.4\text{kg} \times 10\text{N/kg} = 4\text{N}$
 $F = F$

2016-2017

1	2	3	4	5	6	7	8	9	10
C	A	D	C	D	D	C	C	D	B
11	12	13	14	15	16	17	18	19	20
A	A	B	A	A	A	C	C	C	A
21	22	23	24	25					
B	B	B	A	A					

26 1

1 2 4

2

1 1 4

27 1

2

2

3

1 2 4

28 1

2 4

2

1 1 4

3

1 2 2

4

1 2 4

29 1

1 2 4

2

1 2 4

3

1 2 4

4

,

2016-2017

1~5 BBDDA 6~10 ACBBB 11~15 DCBCB 16~20 DCCAD 21~25 DACDD

26. 1 (2) 1971 (2) (2)

(2)
2 (1972 ((2))
20 (2)

3 (2)
27. 1 (2) (2)
(2)

2 (2)
3) (2)
4 () (2) ()
) (2)
5 (2)

28. 1 (2) (2)
2

(4)
3 (2) (2)

4 (2)
(2)