



2018~2019学年深圳百合外国语学校初二上期中...

一、选择题

1 C 2 A 3 A 4 B 5 D 6 C 7 D 8 A 9 A 10 D 11 B

12 B

二、填空题

13 ± 2

14 7

15 25

16 $y = \frac{1}{3}x + 2$

三、解答题

17 (1) $\frac{5}{2}\sqrt{5}$.
(2) -1 .

18 (1) $\begin{cases} x = 1 \\ y = 1 \end{cases}$.



$$(2) \begin{cases} x = 6 \\ y = -7 \end{cases} .$$

19 $AD = 2, AB = 8\sqrt{2} .$

20 $a = 4, b = 5, c = -2$

21 (1) (1) (3, 5) (2) (5, 2)

(2) (b, a)

(3) $\sqrt{29} + \sqrt{5} .$

22 (1) (1) 900 (2) 1.5

(2) (1) 2.5 (2) 100

(3) 150

23 (1) $E(0, 3) .$

(2) $\frac{56}{5} .$

(3) $\frac{7 - 2\sqrt{3}}{2}$ 或 $\frac{11 - 2\sqrt{3}}{2} .$