



1.

1.1. 6

1.2. 2

1.3. $-2\sqrt{2} + 3$

2. A

3. 20

4.

4.1.

4.2. $y = -\frac{8}{3}x + \frac{1}{3}$

5.

5.1. $y = 2x + 6$

5.2. $\frac{1}{4}$

6.

6.1. $y = -2x + 3$

6.2. $y = -2x + 5$

7.

7.1. $f(x) = -2x + 1$

7.2. $f(x) = 2x$

7.3. $f(x) = 2x$

7.4. $f(x) = ax - 1, a \in \mathbb{R}$

8.

8.1. $\left(\frac{5}{3}, \frac{7}{3}\right)$

8.2. $\left(\frac{2}{3}, \frac{1}{3}\right)$