

**MARKING SCHEME SQP-1
MATHEMATICS (STANDARD)
2020-21
CLASS X**

1. 22338 OR y
2. 5
3. $-a, a+3$
4. $k \neq 3$
5. 4 OR $k = +2\sqrt{6}, -2\sqrt{6}$
6. 4
7. $8 - 3n$ OR n^2
8. 5
9. $(-3, 4)$ OR 3
10. $(-3, 3)$
11. 4:1
12. Parallel
13. 5cm
14. 0
15. 12cm
16. $\frac{1}{2}$ OR not define
17. (a)iii (b) I (c) iv(d)ii (e) ii
18. (a)i (b) Iv (c) iv(d)i (e) i
19. (a)iv (b) ii (c) iv(d)i (e) iv
20. (a)ii (b) i (c) iv(d)i (e) ii
21. $x=4$ or $x = -2$ sum = 2 product = -8
22. SSS similarity , 9:1
23. Proof
24. $2156/3 \text{ cm}^3$
25. $S = \{HHH, HHT, HTH, THH, TTH, THT, HTT, TTT\}$ 3/8
26. 32.1
27. $x=2, y = -3$ OR $(3 + \sqrt{13}) / 2, (3 - \sqrt{13}) / 2$
28. Middle term = 26 OR $x = 73$
29. $K=2$
30. $y=-2$
31. 1.6m
32. Proof
33. Proof
- 34.. Proof
35. Rs 300
- 36.

