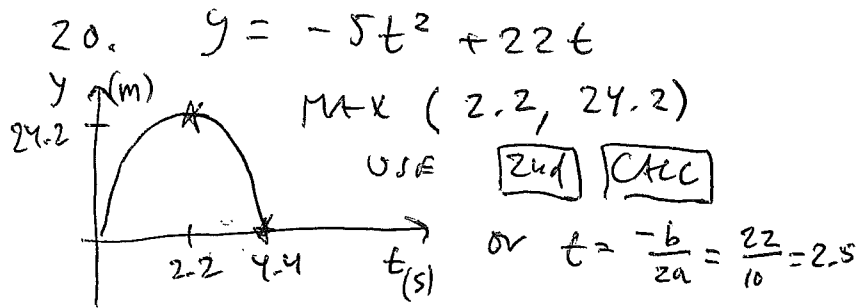


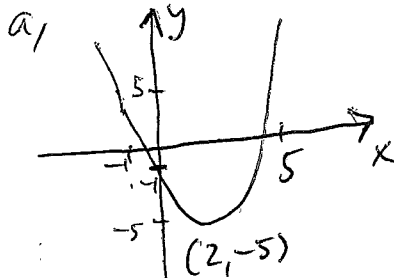
Answer List

1. a^8
2. $\frac{a^3 b^3}{1000}$
3. $\frac{a^4 b^2}{49}$
4. $7x^3 - 38x^2 - 27x + 18$
5. $(a-6)(a-5)$
6. $(2a+1)(a-13)$
7. $\frac{7a+2b}{a^2 b}$
8. $2\sqrt{5}$
9. $9 - 6i$
10. $8 + 29i$
11. $\frac{2(5+i)}{13}$
12. $\frac{5-i}{2}$
13. $\frac{1 \pm \sqrt{59}i}{6}$
14. $\frac{3 \pm \sqrt{19}i}{2}$
15. $3q \pm 1$
16. 121 and 225
17. $(2, -9)$, $r = 6$
18. $(x+3)^2 + (y+2)^2 = 96$
19. $y = 5x + 1$



- a, 2.2 seconds.
- b, 24.2 meters.
- c, 4.4 seconds

21. $y = (x-2)^2 - 5$



- b, $(2, -5)$
- c, SHIFT RIGHT BY 2. SHIFT DOWN BY 5.
NO STRETCH.

d, $y = -1$

e, $x = -0.236$ $x = 4.236$

f, $0 = (x-2)^2 - 5$ ALREADY COMPUTED
 $5 = (x-2)^2$ SQUARE, so DON'T
 NEED QUADRATIC
 FORMULA

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

$x = 2 - \sqrt{5}$

$x = 2 + \sqrt{5}$