

ANSWERS – Worksheet 7.4

1. $\{(-3, 1), (3, -2), (1, 5), (4, 6)\}$

2. $\{(7, -5), (-8, -6), (-2, 1), (3, 10)\}$

3. $y = \frac{x-2}{3}$

4. $y = -\frac{x+7}{5}$

5. $y = \frac{x+3}{12}$

6. $y = \frac{1}{8}x - 2$

7. $y = \frac{3}{2}x + \frac{15}{2}$

8. $y = -\frac{4}{3}x + \frac{20}{3}$

9. $y = -\frac{8}{5}x - 16$

10. $y = 2x - 16$

11. $y = \pm\sqrt{x-5}$

12. $y = \pm\sqrt{x+4}$

13. $y = -3 \pm \sqrt{x}$

14. $y = 6 \pm \sqrt{x}$

15. $y = x^2 + 2, x \geq 0$

16. $y = x^2 - 5, x \geq 0$

17. $y = (x-8)^2, x \geq 8$

18. $y = (x+7)^2, x \geq -7$

19. verify

20. verify

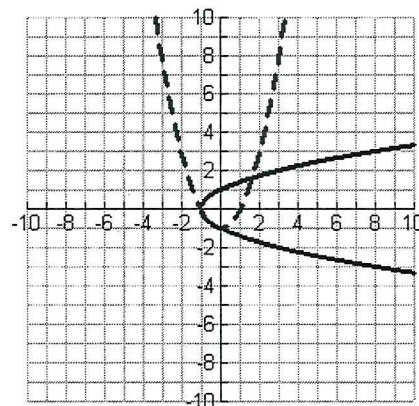
21. verify

22. verify

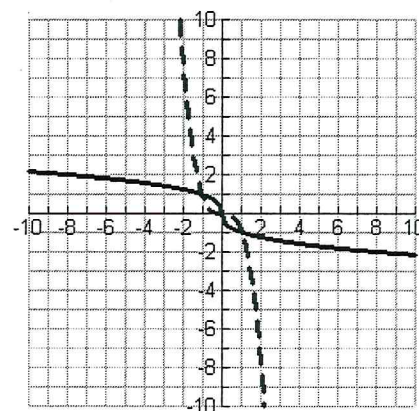
23. verify

24. verify

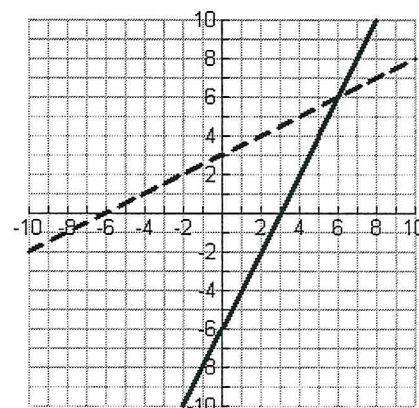
25.



26.



27.



28.

