

MPS22-HOMEWORK-10

203: 1, 7, 10, 13

196: 2

197: 19

198: 57

190: 25, 35

182: 23

171: 15

Select the correct number that corresponds to the right answer. There are more answers than questions. The answers may be repeated.

1. Odd

2. Even

3. Approaches infinity

4. Approaches negative infinity

5. Converges to 1

6. Converges to 0

7. 17, 157.28

8.  $-\sqrt{x} + 3$

9. 3, -2

10. 3, 2

11. 2, 2.16, 2.3328, 2.5194, 2.7210, 2.9387,

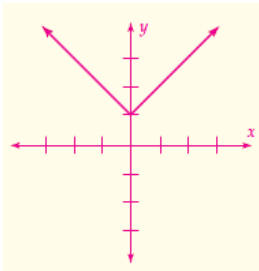
3.1737, 3.4276

12. 2.16, 2.34, 2.5294, 2.6210, 2.9387, 3.1737,

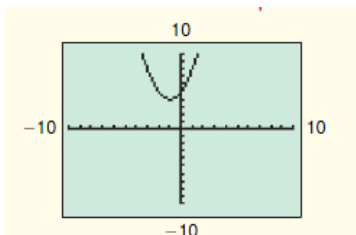
3.4276

13.  $(x+3)^2$ ;  $x^2+3$ ; All real numbers

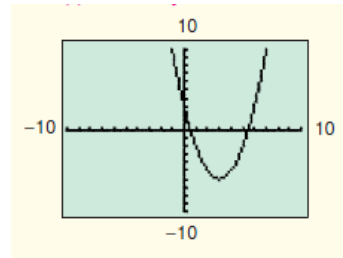
14.



15. (-1,4);5;No X-intercept



16. (-1,4);5;No Y-intercept



17.  $x^2-4x+9$ ;  $x^2+4x-5$ ;  $-x^2-4x+5$ ; All real numbers

15.

