

TASK 5.2.2: REFLECT AND APPLY

Solutions to Reflect and Apply (see worksheet):

1E, 2B, 3D, 4C, 5A, 6F

Teaching notes

Once participants have had a chance to work on this individually, the facilitator should ask for volunteers to present their choices and explain their reasoning. There are several different ways to have deduced the answers, and this discussion brings these multiple strategies to the forefront.

TASK 5.2.2: REFLECT AND APPLY

Without using a graphing utility, match each function with its graph. Explain your choice.

1. $f(x) = x^5 - 3x^4 - 2x^3 + 6x^2 + x - 3$
2. $f(x) = -4x^2 + 6x + 1$
3. $f(x) = x^3 - 5x^2 + 4x - 1$
4. $f(x) = -2x^3 - 4x^2 + 9$
5. $f(x) = 3x^4 - 5x^2 + 5x - 1$
6. $f(x) = -x^4 + x^3 + 4x^2 + 2x - 2$

